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U. S. Department of Agriculture

Asheville Seed Co.

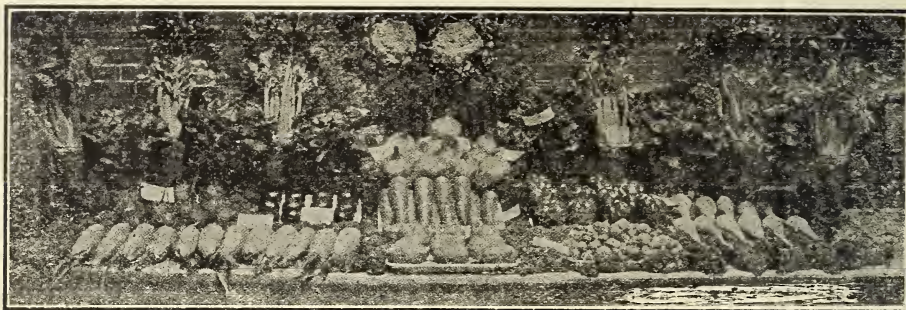
Asheville, N. C.



STECHER LITH. CO. INC. N.Y.

Annual Catalogue

1920



HOME GARDEN COLLECTIONS

Our new crop seeds arrive during the dull season; it is then possible for us to pack our home garden collections at a very small cost and consequently to offer these collections to our customers at a great reduction.

Only the choicest varieties are put into these assortments, and they are selected so as to give a continuous supply of vegetable from your garden during the entire season.

COLLECTION NO. 1—Price \$1.00 Postpaid—Primarily For Small Gardens

- | | |
|---|---------------------------------------|
| 1 Pkt. Beans—Lima Fordhook (Bush). | 1 Pkt. Kale—Tall Scotch Curled. |
| 1 Pkt. Beans—Red Valentine Improved (pole). | 1 Pkt. Lettuce—Big Boston. |
| 1 Pkt. Beans—Lima King of Garden (pole). | 1 Pkt. Lettuce—Grand Rapids. |
| 1 Pkt. Beans—Giant Stringless Greenpod. | 1 Pkt. Mustard—Giant Southern Curled. |
| 1 Pkt. Beets—Egyptian. | 1 Pkt. Spinach—Bloomsdale or Savoy. |
| 1 Pkt. Cabbage—Early Jersey Wakefield. | 1 Pkt. Turnip—Purple Top White Globe. |
| 1 Pkt. Carrot—Danvers Half Long. | 1 Pkt. Turnip—Seven Top. |
| 1 Pkt. Corn—Golden Bantam. | 1 Pkt. Tomato—Ponderosa. |
| 1 Pkt. Cucumber—Improved White Spine. | 1 Pkt. Radish—Rapid Red. |

COLLECTION NO. 2—Price \$2.50 Prepaid—A Complete List For a Larger Family

- | | |
|--|---|
| 1 Lb. Beans—Lima Fordhook (Bush). | 1 Pkt. Egg Plant—New York Improved Spineless. |
| 1 Lb. Lima Beans—Lima King of Garden. | 1 Pkt. Kohl Rabi—Early White Vienna. |
| 1 Lb. Beans—Red Valentine. | 1 Pkt. Lettuce—Big Boston. |
| 1 Lb. Beans—Giant Stringless Greenpod. | 1 Pkt. Lettuce—Cos or Romaine. |
| 1 Pkt. Beet—Egyptian. | 1 Pkt. Melon—Early Hackensack. |
| 1 Pkt. Beet—Early Eclipse. | 1 Pkt. Melon—Georgia Rattlesnake. |
| 1 Pkt. Cabbage—Danish Ballhead. | 1 Pkt. Onion—White Silverskin. |
| 1 Pkt. Cabbage—Early Jersey Wakefield. | 1 Pkt. Onion—Yellow Danvers. |
| 1 Pkt. Carrot—Danvers Half Long. | 1 Pkt. Parsley—Moss Curled. |
| 1 Pkt. Cauliflower—Snow Ball. | 1 Lb. Peas—First and Best. |
| 1 Pkt. Celery—White Plume. | 1 Lb. Peas—Champion of England. |
| 1 Pkt. Corn—Golden Bantam. | 1 Oz. Radish—Scarlet Globe. |
| 1 Lb. Corn—Stowell's Evergreen. | 1 Oz. Spinach—Bloomsdale. |
| 1 Pkt. Corn—Adams Early. | 1 Pkt. Tomato—Ponderosa. |
| 1 Pkt. Cucumber—Improved White Spine. | 1 Oz. Turnip—Purple Top White Milan. |

CHOICE COLLECTIONS OF FLOWER SEED

No. 3 Postpaid, 85 Cents

No. 3—20 Varieties of Dwarf and Tall Annuals, One Packet each:


- | | | | |
|---------------------|--------------------------|------------------------------|---------------------------------|
| DWARF— | Mignonett. | TALL— | Marigold, African Mixed. |
| Asters, Mixed. | Phlox Drummondia. | Larkspur, Tall Rocket Mixed. | Malope, Mixed. |
| Candytuft, Mixed. | Portulaca, single mixed. | Cosmos, Mixed. | Sunflower, Mixed. |
| Convolvus. | Sweet Alyssum. | Clarkia, Mixed. | Poppy, Mixed. |
| Eschschollia Mixed. | Zinnia, Mixed. | Centaurea, Cyanus, Mixed. | Zinnia, Tall Mixed. |

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EXTRA ORDER SHEETS AND RETURN ENVELOPES FURNISHED ON REQUEST

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 Please write all you want to say about this order on this sheet. Request for quotations and other information requiring an answer on separate piece of paper. We shall esteem it a great favor if you will give us in the lines below the NAMES and ADDRESSES of your neighbors or friends interested in Gardening or Farming, as we would like to send one of these Catalogues to them.

FOR YOUR TROUBLE WE WILL ADD TO THIS ORDER AN EXTRA PACKET OF FLOWER SEEDS FREE.

[illegible]

TO OUR FARMER FRIENDS:

In presenting this our 1920 catalogue, we wish to thank our many customers and friends for their liberal patronage in the past. We sincerely trust that the relationships formed will continue to our mutual advantage.

The drive for increased production as the cure for the present high cost of living will add new zeal to the war gardener of the past two years. While many war gardeners failed, a greater number gained a knowledge of the things that grow and an interest in gardening that will continue to develop and bear the good fruits which will in the end overcome the world-wide shortage of food.

The shortage of many field crops and a few garden crops will naturally make a limited supply everywhere, however, now that imports are arriving more freely many items have declined. The quality of practically all American grown seeds is unusually good, but there seems to be a large offering of low grade imports, especially clovers and some varieties of garden seeds. We have carefully selected our seed stock for purity, growth, and productiveness, and we assure you that our supply can be relied upon to give you the results you have a right to expect.

Our organization and equipment are such that orders both large and small, can be executed rapidly and it is our aim to give every order our prompt and careful attention.

ASHEVILLE SEED COMPANY.



Harvesting Clover on Biltmore Farms. Seeds For This Field Purchased From Us.

Suggestions to Customers as to Ordering

DO NOT DELAY ORDERING until you are ready to use the goods you want. It will prove economical often to anticipate your wants. The loss of time in planting by delays of transportation companies, also advance in prices should show the wise buyer that it is to his interest to order early.

SAVE MONEY—When you make out your general list of seed, to include insecticides and sprayers; also Fertilizers with your order, thereby will be saving extra express charges. Remember, when the bugs or insects appear on your crop, you need insecticide; then delay in getting the remedy and sprayers may cost you ten times the cost of your purchase.

HOW TO SEND AN ORDER—You will find in the front of this book a blue order sheet, perforated for tearing out; also an addressed envelope to send the order in. When convenient, always use this order sheet. Please do not write anything on the sheet except items wanted and what pertains to the order. Write on separate sheet when asking for prices, or questions to be answered, or information given; this will avoid the possibility of being overlooked; also insure quick attention to information asked.

Please be careful to sign your name, post office, county and State on each order and letter sent us.

TERMS—All orders to secure prompt shipment should be accompanied with the cash. We can only send to well-rated merchants, or parties well known to us without the cash with order. When remittance falls short of amount of goods ordered, it is our custom to reduce the quantity sent, instead of delaying order by writing.

HOW TO SEND MONEY—By Postoffice or Express Money Order, Bank Check or Draft, cash by registered letter. We accept clean postage stamps for small amounts the same as cash.

C. O. D. ORDERS must be accompanied by a remittance equal to one-fourth the amount of the order; this insures the express or freight charges in case the goods are not taken when they arrive at destination.

POSTAGE ON SEEDS—We pay the Postage on packets, ounces, and quarter-pound packages.

Parcel Post Rates

POUNDS	LOCAL	First Zone 1 to 50 Miles	Second Zone 50 to 150 Miles	Third Zone 150 to 300 Miles	Fourth Zone 300 to 600 Miles	Fifth Zone 600 to 1,000 Miles
1	\$.05	\$.05	\$.05	\$.06	\$.07	\$.08
2	.06	.06	.06	.08	.11	.14
3	.06	.07	.07	.10	.15	.20
4	.07	.08	.08	.12	.19	.26
5	.07	.09	.09	.14	.23	.32
6	.08	.10	.10	.16	.27	.38
7	.08	.11	.11	.18	.31	.44
8	.09	.12	.12	.20	.35	.50
9	.09	.13	.13	.22	.39	.56
10	.10	.14	.14	.24	.43	.62
11	.10	.15	.15	.26	.47	.68
12	.11	.16	.16	.28	.51	.74
13	.11	.17	.17	.30	.55	.80
14	.12	.18	.18	.32	.59	.86
15	.12	.19	.19	.34	.63	.92
16	.13	.20	.20	.36	.67	.98
17	.13	.21	.21	.38	.71	1.04
18	.14	.22	.22	.40	.75	1.10
19	.14	.23	.23	.42	.79	1.16
20	.15	.24	.24	.44	.83	1.22

IN LARGE QUANTITIES, see Parcel Post Rates in table given on this page.

PARCELS POST RATES ON MERCHANDISE AND SEEDS—Seed rate, 2 ozs. for one cent up to 8 ozs. Above 8 ozs. the local and zone Parcels Post rates are applied.

PRICES OF GRASS AND CLOVER SEEDS, SEED GRAIN and other field seeds are constantly fluctuating. The prices given in this Catalogue are those ruling at the time it is issued—about the middle of January. We will take pleasure at any time in quoting prices on request; or will always fill any orders entrusted to us at as low prices as possible for first-class seeds.

ABOUT WARRANTING SEEDS—While we exercise great care, both for our own and our customers' interests, to supply and furnish the best seeds that can be obtained, there are so many conditions—weather and other causes—affecting the growth of seeds and the out-turn of crops, that it must be distinctly understood that all our seeds are sold under the conditions in regard to non warranty of seeds which have been generally adopted by the seed trade, which are as follows:

We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Please Address All Orders and Correspondence to this Company to

ASHEVILLE SEED COMPANY
ASHEVILLE, NORTH CAROLINA

U. S. FOOD ADMINISTRATION LICENSE NUMBER G-38690

MONTHLY CALENDAR FOR FARMER AND GARDENER

JANUARY—Vegetables—During this month little can be put in open ground except Asparagus, Rhubarb and Horse Radish Roots. Prepare hot beds and sow Early Cabbage, Lettuce, Radish, Beet, Cauliflower and Onion.

Flowers—Sow in open ground Sweet Peas (see directions for planting in this Catalogue); sow in hot beds, pansy, daisy, verberna, asters, and other flower seeds for later transplanting.

Farm—If weather permits, prepare the soil for crops to be put in in the spring. Top dress fall sown grain, grass and clover fields.

FEBRUARY—Vegetables—Sow in hot beds early cabbage, cauliflower, lettuce, onion, beets, and the middle or last of the month in hot beds, tomatoes, egg plant and pepper. The last of this month sow in open ground early English peas, spring kale, beets, spinach, carrots, radish and parsley. Set out asparagus, horse radish and rhubarb roots, onion sets and hardy lettuce plants; also early planting of Irish potatoes can be made.

Flower—Sow in open ground sweet peas (see directions in this book), in hot beds, boxes or pots inside; flower seed to be transplanted later. Sow the Grove Park Lawn Grass Seed, for making or repairing lawns.

Farm—Sow now Canada field peas and seed oats; also dwarf Essex rape an excellent quick deep grazing for sheep, hogs, and poultry. From the middle to the last of this month grasses and clovers can safely be sown.

MARCH—Vegetables—This should be an active month with all vegetable growers. Sow in open ground garden peas for succession, early cabbage, cauliflower, spinach, kale, mustard, lettuce, beets, carrots, parsnips, salsify, early turnips, corn salad, rhubarb roots, asparagus and horse radish roots. Set out cabbage, cauliflower, lettuce and other plants that you have had in hot beds after hardening them by leaving the glass open at night. Pick a warm corner and sow herb seed.

Flowers—Sow in open ground sweet peas (see directions for planting). The hardy kind of flower seed, as they will bloom earlier. The last of this month set out tube rose, gladiolus, cannas and dahlia roots. Sow Grove Park Mixed Lawn Grass Seed.

Farm—Sow clovers and grasses of all kinds, winter and spring oats, dwarf Essex rape, Canada field peas, alone and with oats.

APRIL—Vegetables—Plant early garden corn, English peas, snap beans, early Irish potatoes, cabbage, tomatoes and lettuce in open ground for succession. Sow beets, carrots, radish, parsnips, salsify, parsley, celery, early turnips, kohlrabi, collards, corn salad, mustard and kale. Put out onion sets, asparagus roots, rhubarb roots, bed sweet potatoes. The middle to the last of this month plant cucumbers, squash, watermelons and cantaloupes. As all vine seeds are tender, care should be taken not to plant during cold, wet season.

Flowers—Sow hardy flower seed; after the middle of the month the half hardy kinds. Set out lily, dahlia, canna, tuberose and gladiolus bulbs, coleus, salvia and other bedding plants. Sow Grove Park Lawn Grass Seed.

Farm—Sow clover and grass seeds, spring seed oats early in the month. Later in the month sow mangel wurzel stock beets, field corn, chufas, peanuts, artichokes, cotton, etc.

MAY—Vegetable—Nearly all tender seeds can be sown this month; also for succession sow carrots, beets, parsley, radish, brussel sprouts, parsnips, salsify. Plant pole and bunch snap and lima beans, garden corn, okra, squash, cucumber, cantaloupe, watermelon and pumpkins. Sow now late cabbage and cauliflower seed to make plants for fall. Set out tomatoes, pepper, egg plants and strawberry plants.

Flowers—Vine seed for shade, all floral bedding plants, tuberose, gladiolas, cannas, dahlias and other bulbs can still be planted out successfully. Sow Grove Park Lawn Grass Seed.

Farm—All the sorghum, millets, cow peas, soy or soja beans, velvet beans, peanuts, chufas, field corn, mangel wurzel beets for winter feeding, cotton, etc.

JUNE—Vegetables—Plant collards, okra, bunch and late pole snap and lima beans, black eye, white late peas, cucumbers, squash, turnips, garden corn;

for succession, late potatoes, radish and beets. Set out tomatoes, cabbage, egg plants, pepper, cauliflower, celery sweet potato plants.

Flowers—Nasturtiums and other flower seed for fall and winter use; vine seed for shade; coleus, salvia and other bedding plants.

Farm—Sow German millet, Sudan grass, sorghums, cow peas, soy beans, navy beans, velvet beans. Plant late corn, pumpkins and watermelons.

JULY—Vegetables—Set out cabbage, collard and celery plants for fall and winter use. Plant snap beans for succession, and sugar corn for late roasting ears. Sow Ruta Bagas and early varieties of turnips, lettuce, mustard, collards, kohlrabi. Plant cucumbers for pickling and table and late potatoes for winter use.

Flowers—Plant nasturtiums for late blooming; keep all plants well watered; use our sprinkler on your lawns.

Farm—Sow crimson clover at the last working of your corn or cotton. Buckwheat can be sown for bees forage, an improver of the soil and grain. Sow cow peas, soy beans and velvet beans; these are improvers of the soil and fine hay crops; also for early hay or fodder sow German millet, Sudan grass and sorghums.

AUGUST—Vegetables—Sow cabbage and lettuce for fall heading, set out cabbage and celery plants; continue planting snap beans for succession. Early English peas planted this month will give a good fall yield. Sow winter varieties radish, turnip, ruta bagas, spinach, kale, mustard, endive collards, parsley and onion seed.

Flowers—Make first planting of pansy and daisy seed. Keep all plants well watered.

Farm—Crimson clover should be sown in every available place. It is a great enricher of the soil, and makes very nutritious feed. Rye and barley should be sown for fall and winter grazing and afterwards will make a crop of grain. Alfalfa can safely be sown. Towards the end of the month sow hairy vetch, dwarf Essex Rape, grasses and clovers.

SEPTEMBER—Vegetables—Sow winter radishes, spinach, turnips, mustard, leek, parsley, kale, extra early pearl and other onion sets.

Flowers—Hyacinths, tulips, narcissus and other bulbs can be planted this month; also pansy seed. Sow Grove Park Mixed Lawn Grass Seed now.

Farm—Sow all kinds of grasses and clovers and hairy vetches. Crimson clover should by all means be sown as it makes fine winter grazing and a great soil improver. Continue to sow winter rye and winter barley for early grazing crops as well as for grain; dwarf Essex rape for sheep and pigs. Winter oats this month gets well rooted before spring.

OCTOBER—Vegetables—Sow early sorts of cabbage, turnips, spinach, kale, mustard, collards; set out all varieties of onion sets; strawberry plants.

Flowers—Plant hyacinths, narcissus, tulips and other bulbs. Sow pansy seed for early spring plants. Fall seeding of a lawn does better than spring. Sow Grove Park Mixed Lawn Grass Seed, and fertilize with bone meal and sheep manure.

Farm—This is the month to sow wheat, winter oats, rye, barley, vetches and rape. The earlier you can get in your clovers and grasses the better.

NOVEMBER—Vegetables—Hot beds or cold frames should be made to sow lettuce and early varieties of cabbage; set out onion sets, asparagus roots, rhubarb and horse radish roots, strawberry plants.

Flowers—Hyacinths, tulips and other flowering bulbs should be planted. The Grove Park Mixed Lawn Grass Seed can be sown successfully; use bone meal and our pulverized sheep manure as fertilizers for lawns.

Farm—Sow rye on all vacant places; it makes a fine winter cover and grazing crop. Sow wheat, barley vetches, rape and grasses. Canada field peas.

DECEMBER—Vegetables—In hot beds, sow lettuce and cabbage. Beets and radish can be forced in hot beds for winter use as well as lettuce which often proves very profitable. Plant marrow fat peas for market or garden use.

Flowers—The early part of this month hyacinths and other bulbs can still be planted.

Farm—Canada field peas can be sown, but should be sown deeper now. Wheat can still be sown.

High Quality Vegetable Seeds

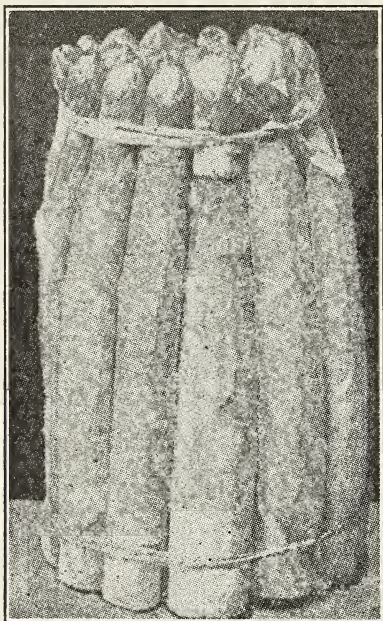
ASPARAGUS SEED

Asparagus does best in heavily manured, light, warm soil.

Culture—Soak seeds in warm water for 24 hours. Sow in March or April in drills two feet apart, two inches deep. When well up, thin plants out one inch apart in the row. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

BARR'S MAMMOTH—A quick growing, large, tender variety; pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

PALMETTO—Very popular with the home and market gardeners; pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



BARRS MAMMOTH ASPARAGUS

ASPARAGUS ROOTS

100 ROOTS WILL PLANT A BED
15x20 FEET

Culture—The soil for this crop can not be made too rich. We would especially recommend the planting of the roots by the home and small market gardener for you can get a small cutting the first year put out, and a larger the second. Set the roots in rows 2 to 3 feet apart, 1 foot apart in the row, 6 to 8 inches deep.

We can supply in Roots, Barrs Mammoth and Palmetto.

Price—3 year old roots (gives heaviest yield first year), 50 for 75c; 100 for \$1.00; 1,000 for \$7.50.

2 year old roots, 50 for 50c; 100 for 90c; 500 for \$3.00; 1,000 for \$5.00.

If to be sent by mail, add to prices above 10c for 50, 25c for 100 for postage.

ASPARAGUS KNIVES

Fifteen inches long; blade $1\frac{1}{2}$ inches wide, 50c each. If by mail, postpaid, 60c each.

ARTICHOKE SEED

Culture—The seed of the Green Globe Artichoke can be sown in February or March in hot beds, and transplanted when large enough in rows 3 feet apart, 2

feet in the row. Seed can be sown in the open ground in May. A sandy loam with plenty of well-rotted manure is the best for artichokes. Protect in winter with leaves or manure.

LARGE GREEN GLOBE—Cultivated for its large fleshy flower-heads which are prepared and cooked like asparagus.

Price—Pkt., 10c; ounce, 75c; $\frac{1}{4}$ lb., \$2.50.

ARTICHOKE ROOTS

Most valuable food for hogs that can be grown. Every hog raiser should plant them. Plant 4 to 5 bushels to an acre.

Artichokes need planting but once and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up thickly all over the surface. Run through each way with a cultivator when a few inches high.

JERUSALEM—Grown from roots or tubers. Their greatest value is for feeding to stock, being particularly desirable for hogs, making an enormous yield of healthy and nutritious feed. These tubers are often used for pickles. They make, also, a large growth of tops, which can be used for feed. Cultivate like potatoes.

Price—Qt., 30c (if by mail Qt., 60c); pk., 85c; bu., \$2.50.



RHUBARB

RHUBARB ROOTS

Rhubarb does best in a moist or shady situation. Set out early in the spring or fall in deep, well-worked soil, 4 feet apart each way. Mix freely with manure or coarse litter.

Price—Of large roots, 15c each; \$1.50 per doz., postpaid; by express not prepaid, 10c each; \$1.00 per doz.

HORSE RADISH

Horse Radish rarely produces seed, but is grown from pieces of the roots. Mark off the rows 2½ feet apart, in rich, moist, well-prepared ground, and set the pieces of roots 18 inches apart in the rows vertically, the small end down and the top 1 to 2 inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds.

Price—Per doz., 20c; per 100, \$1.25, postpaid.

MUSHROOM SPAWN

Mushrooms are much enjoyed as a table luxury. They may be grown in a variety of situations—a dark room, cellar, stable, in sheds, under green house benches—where the temperature can be maintained at 50 to 65 degrees. Ten pounds of spawn are required for ten feet square.

Cultural directions supplied with each order.

ENGLISH MILLTRACK SPAWN—Stock of recent importation. It comes in bricks weighing twenty ounces. Each brick is sufficient for eight square feet of bed.

Price—Per brick, 25c (by mail, 35c). By express: 5 lbs., \$1.00; 10 lbs., \$1.50. Purchaser pays the transportation charges.

DWARF OR BUSH (Snap) BEANS

One quart will plant 100 feet of drill; 1½ bushels to an acre in drills.

Culture—Beans are very sensitive to both cold and wet. For the earliest crop, plant just as soon as the weather gets warm. In this section about the first of April. To have a succession, plant every two weeks throughout the summer until the middle of August. The largest returns will result from planting in drills from 2 to 3 feet apart, 3 to 5 inches apart in the row, covering about 2 inches deep, up to the time of blossoming they should have frequent shallow cultivation.

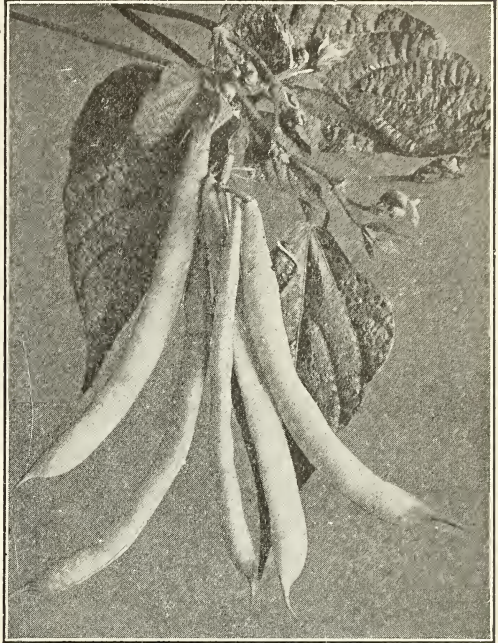
EXTRA EARLY RED VALENTINE

A standard variety, extra early in maturing, and bears pods which are round, long, slightly curved and of excellent quality. The extreme hardness of this bean accounts for its popularity in this section as the first early bean. The Red Valentine germinates in cold ground when other sorts fail. Our improved strain of this excellent variety has been selected especially for earliness and good quality.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75. Express: lb., 30c; 10 lbs., \$2.50.

TENNESSEE GREEN POD

This well known variety is almost as early as the Red Valentine. The productive plants bear handsome flat pods of light green color and excellent quality. Unlike most early beans, the quality remains good throughout its bearing season. The hardy and



STRINGLESS GREEN POD BEANS

exceedingly prolific tendencies of the Tennessee Green Pod accounts for its popularity as early bunch beans.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75. Express: lb., 30c; 10 lbs., \$2.50.

BURPEE'S STRINGLESS GREEN POD

This famous and popular bean is still unequalled as an early stringless green pod variety. It is stringless, ripens earlier than the Valentine, and remains crisp and tender long after maturing. The vines bear long, round, thick and very meaty pods, entirely free from strings. The attractive deep green color and unusual quality of these green pods has placed them in high favor. It has given entire satisfaction everywhere.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., 3.00. Express: lb., 30c; 10 lbs., \$2.75.

GIANT STRINGLESS GREEN POD

A very productive, long-podded variety, producing large pods, measuring five to six inches in length; very tender and absolutely stringless, and of the finest flavor; a splendid variety for the home grower.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00. Express: lb., 30c; 10 lbs., \$2.75.

BOUNTIFUL

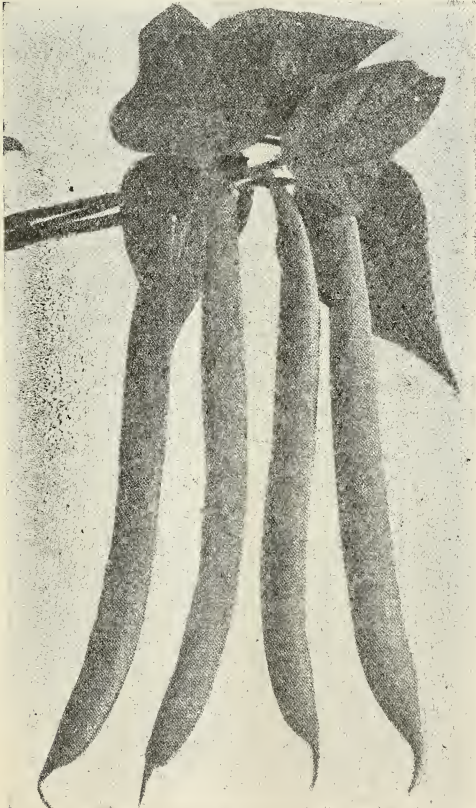
A "long yellow six weeks" improved by earlier growth, hardness and more prolific yield. The pods are large, flat, very tender, handsome, and free from strings. This variety may also be grown as a shell bean for winter use.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75; Express: lb., 30c; 10 lbs., \$2.50.

BLACK VALENTINE

Produces an abundant crop of large pods which are straight, almost round and dark green. This is an excellent variety for the market on account of its handsome appearance.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75. Express: lb., 30c; 10 lbs., \$2.75.



IMPROVED EARLY RED VALENTINE BEANS

DWARF OR BUSH BEANS—Continued

LONG FELLOW

The prolific vines of Longfellow bear splendid green string beans. The pods are extra long, round, well formed and tender. This medium early variety is unexcelled for the home garden; the elegant appearing pods are delicious when cooked.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75.
Express: lb., 30c; 10 lbs., \$2.50.

LONG YELLOW SIX WEEKS

An old popular string bean grown for market, since it is such a good shipper. The quality is not so good as some other varieties. The pods are flat and of light green color.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75.
Express: lb., 30c; 10 lbs., \$2.50.

REFUGEE OR 1000-1

A medium late variety similar to the Valentine in general qualities, with round pods a third longer and tapering to a point.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75.
Express: lb., 30c; 10 lbs., \$2.50.

EXTRA EARLY REFUGEE

The Extra Early Refugee produces pods of medium size, light green color, and good quality. The vines make an even and compact growth and bear fruit abundantly.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75.
Express: lb., 30c; 10 lbs., \$2.50.

FORDHOOK FAVORITE BUSH

The bushes grow from eighteen to twenty inches high, are vigorous, and remarkable for their prolific yield. The thick, round pods are at all stages brittle, juicy, free from tough fiber, and entirely stringless.

Price—Postpaid: Pkt., 10c; lb., 50c; 10 lbs., \$4.00.
Express: lb., 40c; 10 lbs., \$3.75.

WAX PODDED BUSH BEANS

DAVIS KIDNEY WAX—The vigorous vines are very prolific, bearing waxey white pods 7 inches long; the Davis Kidney Wax is the finest appearing of all early wax beans. The White Kidney shaped beans make splendid shell beans for baking, but when grown for snap beans in the home or garden they should be used while young and free from strings.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

DWARF GOLDEN WAX—For a number of years this variety has been popular with the home gardeners. The attractive golden yellow pods are fleshy, semi-round, long, and of fine quality. The matured beans are excellent for winter use as shell beans.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

DWARF BLACK WAX—One of the earliest wax-podded varieties. Pods are 4 to 5 inches long; round, meaty, brittle and stringless, golden yellow, of excellent flavor; very prolific.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

SHELL BEANS

These are grown exclusively to be used as shell beans, either green or dried for winter. Plant them in vacant places in your garden; they are always useful.

IMPROVED WHITE KIDNEY—A most excellent white, kidney-shaped field bean.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75.
Express: lb., 30c; 10 lbs., \$2.50.

RED KIDNEY—A vigorous grower and very productive. These large red kidney-shaped beans are extensively used as shell beans.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75.
Express: lb., 30c; 10 lbs., \$2.50.



TENNESSEE GREEN POD BEANS

IMPROVED NAVY OR BOSTON PEA—An improvement on the old Navy Bean; seeds are small, short, almost round, and solid white. The best bean for baking.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$2.75.
Express: lb., 30c; 10 lbs., \$2.50.

WHITE NAVY BEAN—This well known variety needs no description. It is the most popular bean grown for market and at the same time one of the most profitable. We strongly recommend planting a larger acreage in this section.

Price—Postpaid: Pkt., 10c; lb., 30c; 10 lbs., \$2.50.
Express: lb., 25c; 10 lbs., \$2.25.

HENDERSON'S BUSH LIMA—Pods short and flat, delicious flavor. The earliest of bush limas; two weeks earlier than any of the pole varieties. It is small in size, but the great productiveness and delicious flavor of Henderson's Bush Limas has made it a favorite of good housekeepers. An excellent sort for canning.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

FORDHOOK BUSH LIMA—This is without a doubt the best type of bush lima bean in cultivation. It grows upright and does not come in contact with ground. The vigorous plants bear pods in clusters, each pod containing 4 to 5 large, thick beautiful green beans. No other variety can compare in quality with the sweet and tender Fordhook. Matures very early and continues bearing until frost.

Price—Postpaid: Pkt., 10c; lb., 50c; 10 lbs., \$4.00.
Express: lb., 45c; 10 lbs., \$4.00.

"BURPEE'S IMPROVED BUSH LIMA"—The pods are truly enormous in size, borne abundantly and well filled with handsome beans which are both larger and thicker than those of the popular Burpee's Bush, and fully eight days earlier.

Price—Postpaid: Pkt., 10c; lb., 45c; 10 lbs., \$4.00.
Express: lb., 40c; 10 lbs., \$3.75.

POLE OR CORNFIELD BEANS and POLE LIMA BEANS

Culture—Pole Beans are not so hardy as bunch beans, and in this latitude plant about the first of May or after the danger from frost is over, in rows 4 feet apart; set poles 6 to 8 feet long, 3 to 4 feet apart in the row; drop 5 to 6 beans 2 inches deep around each pole or hill. These varieties may also be planted in the cornfield to run up the stalk. One quart will plant 100 hills; $\frac{1}{2}$ bushel to acre.

WHITE KENTUCKY WONDER (BURGER'S STRINGLESS GREEN POD)—The pods are borne in clusters, are uniformly straight, meaty, entirely stringless, tender, of mild flavor. The pearly white beans make splendid dry beans.

Price—Postpaid: 10c; lb., 35c; 10 lbs., \$3.00. Express: lb., 30c; 10 lbs., \$2.75.

KENTUCKY WONDER or OLD HOMESTEAD—The most popular of the pole green-podded snap beans. The long pods, often nine to ten inches in length, are borne in large clusters; pods are nearly round, fleshy, stringless and very showy; an early and most prolific variety.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00. Express: lb., 30c; 10 lbs., \$2.75.

LAZY WIFE—A superior variety for home gardens. Also as a field bean among corn. Has large, green, very tender pods of delicious flavor. They are broad and thick, and are stringless until quite large. Very desirable for cooking in the pod or as a shell bean. The dried beans are round, pure white.

Price—Postpaid: Pkt., 10c; lb., 40c; 10 lbs., \$3.50. Express: lb., 35c; 10 lbs., \$3.00.

STRIPED CREASEBACK POLE OR CORNFIELD—Very early, yet bears for a long season. The rich dark green pods borne in clusters are 6 to 8 inches long, of excellent flavor, tender and stringless. Very popular for growing in corn.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00. Express: lb., 30c; 10 lbs., \$2.75.

WHITE CREASEBACK—Extremely early, very productive. Pods are borne in clusters from four to six; broad, thick, solidly fleshy and stringless. Well adapted for shipping to distant markets.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00. Express: lb., 30c; 10 lbs., \$2.50.

OCTOBER, OR HORTICULTURAL (WREN'S EGG, OR CRANBERRY)—Pods short, broad, pale green, streaked with bright red as they mature. Beans are large, oval, flesh-colored, splashed and spotted with wine red and of the highest quality, either green or dry. Many like this variety better than the Limas. Especially adapted for mountainous districts, short seasons and cool locations.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00. Express: lb., 30c; 10 lbs., \$2.75.

CUT SHORT, OR CORN HILL—An old variety, very popular for planting among corn, and it will



KENTUCKY WONDER POLE BEAN



CARPINTERIA LARGE GREEN SEEDED LIMA

give a good crop without use of poles; vines medium, pods short, cylindrical and white, covered at one end with reddish brown dots.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

EARLY GOLDEN CLUSTER WAX—The grandest yellow-podded Pole Bean in cultivation. Pods are produced in clusters of from 4 to 6 the entire length of the vines, and are fit for use a long time after reaching maturity.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

POLE LIMA BEANS

Lima Beans will not grow until the weather and ground are warm; if planted earlier, the seeds are apt to rot in the ground.

KING OF THE GARDEN POLE LIMA—An improved strain of the Large White or more prolific character and with larger pods and beans. Large early crops and bears until frost. Only two plants should be allowed to one hill.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

CARPINTERIA LIMA, LARGE GREEN SEEDED—Largest size and much thicker than the old type. Extra fine quality. The fine green tint remains with this bean long after becoming dry, which proves that the high quality endures. The vines are strong and vigorous growers. The most prolific lima bean.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: lb., 30c; 10 lbs., \$2.75.

FORD'S MAMMOTH LIMA—The pods are unusually large, each containing 5 to 7 beans of the finest flavor. The vines are vigorous setting the pods early; continue bearing until frost.

Price—Postpaid: Pkt., 10c; lb., 40c; 10 lbs., \$3.50.
Express: lb., 35c; 10 lbs., \$3.25.

CAROLINA SIEVA OR SMALL POLE LIMA—Beans small, good quality. These grow quickly, mature early, are very productive, and continue bearing throughout the season.

Price—Postpaid: Pkt., 10c; lb., 40c; 10 lbs., \$3.50.
Express: lb., 35c; 10 lbs., \$3.25.

SCARLET RUNNER—Useful both as a vegetable and for ornamental purposes. It bears bright scarlet flowers. The seed are broad and kidney shaped. Very meaty.

Price—Pkt., 10c.

Prices of all beans subject to change.

GARDEN OR TABLE BEETS

Culture—Beets thrive best in rather light, mellow and deep-worked soil, which has been thoroughly enriched with well-rotted manure or fertilizer, which should be well mixed with the soil. Sow in drills 2 feet apart and thin out the plants to 4 inches apart in the drills. For a small garden the drills need not be more than 12 to 15 inches apart.

One ounce will sow 50 feet of drill, 6 to 8 lbs. to the acre.

EARLY RED BALL BEETS—This variety has proven to be the best deep red turnip beet, not only for the market gardener, but for home use. It is also by far the best for canning, making a strikingly handsome product, much superior to that obtained from any other sort. Root globular and very smooth; color of skin dark blood red; flesh deep red, very crisp, tender and sweet, and remaining so for a long time.

Price—Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

CROSBY'S IMPROVED EGYPTIAN—An improvement on other Egyptian sorts, being as early, and of more desirable shape, color and quality. Is being more largely planted for early market, by truckers and shippers, and has proven very profitable and satisfactory, being very sweet and tender.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

DETROIT DARK RED TURNIP—A very fine strain of turnip-shaped beet. Top small, upright growing, thus permitting close planting. Color of skin dark blood red; flesh bright red. Quality is of the very best, sweet, tender and lasting.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EDMAND'S BLOOD TURNIP—This beet is an excellent keeper. They are nearly round and smooth. Skin and flesh deep red; crisp and sweet. A desirable sort to plant late for winter use.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CRIMSON GLOBE—The interior is a rich, deep crimson, and fine grained in texture. The foliage is deep blood red. It is nearly round, of medium size, and does not become coarse at maturity.

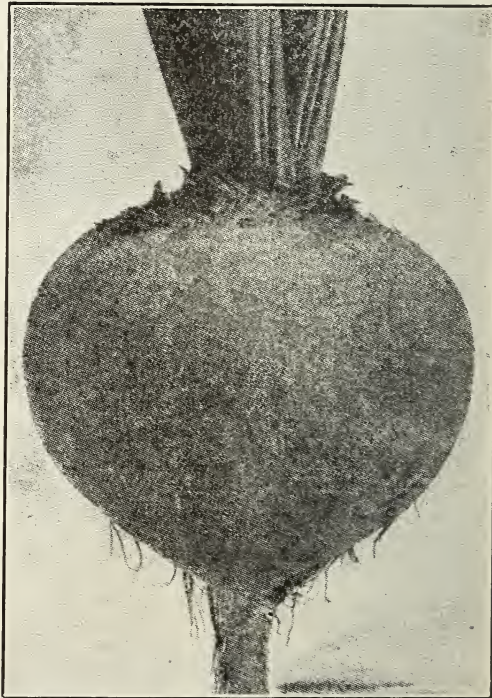
Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EXTRA EARLY ECLIPSE—A very early maturing Beet, especially desirable for the home garden. Top of medium size. Root nearly globular, with a small tap root and small collar. Flesh bright red, very sweet, crisp and tender.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

BASTAIN'S EARLY BLOOD RED TURNIP—One of largest beets, yet of quick growth and of high table value. Color bright red. Fine for home garden and market.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



EARLY RED BALL BEETS

IMPROVED EARLY BLOOD TURNIP—A superior selection of Blood Turnips Beet, dark red, fine flavor. It forms medium-sized, sound, half-flattened bulbs. Good for late or early planting.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., \$1.00.

LONG SMOOTH BLOOD—Tops large, with good-sized long roots, tapering and growing even with the surface; dark red; flesh very sweet and tender, remaining so when kept till spring. A popular winter sort.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

BRUSSELS SPROUTS

This plant grows 2 or 3 feet high and produces from the sides of the stalks numerous little sprouts, 1 or 2 inches in diameter, resembling cabbages. The leaves should be broken down in the fall to give the little cabbages room to grow. They are very tender and sweet after early frost. The small heads are boiled and served in the manner of cabbages. Sow in seed-bed in May, transplant and cultivate like cabbage.

One ounce will produce about 2,000 plants.

PERFECTION—An improved strain, producing more perfect and larger heads.

Price—Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

BROCOLLI

A vegetable similar to Cauliflower, of less delicate flavor, but much hardier. It does better than cauliflower, being hardier. Cultivate the same as cauliflower.

PURPLE CAPE—The leading sort. Heads are purplish and resemble the Algiers cauliflower in habit of growth.

Price—Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

CHERVIL

Used for flavoring or garnishing, and is more beautiful than Parsley. Sow in early spring in rich soil, and when plants are large enough, transplant to a foot apart.

Price—Pkt., 5c; oz., 10c.

CHICORY

Chicory is grown principally for the large thick roots, which are dried and roasted; also the leaves are used as a salad during the early spring.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

CRESS

WATER CRESS—Is developing into a very profitable industry for shipment to large markets. This variety is sown in the spring in beds in damp places or along the edges of ponds, creeks and running streams.

Price—Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

UPLAND CRESS—Is sown in the spring, in drills about one foot apart.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 65c.



BRUSSELS SPROUTS

COLLARDS

Cultivated and grown same as cabbage. Collards are purely a Southern vegetable, largely used in place of cabbage. Collards are considered in the South the old-time winter greens. They are improved by the touch of frost. Sow one ounce seed to 200 feet row.

N. C. BUNCOMBE SHORT STEM—This variety has short stem, large spreading leaves. Has proven very popular wherever grown. A great improvement over other varieties.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

TRUE GEORGIA OR SOUTHERN—A well known and popular sort.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.

CORN SALAD OR FETTICUS

Sown with the approach of cool weather in the fall, it will produce an abundance of leaves which may be used as a salad throughout winter and spring. Quite hardy, but should be protected during severe weather. One ounce will sow 20 square feet. Large seeded.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

We pay postage on packets, ounces and quarter pounds. In larger quantities, refer to Parcel Post Rate on first page.



CORN SALAD OR FETTICUS

HIGH QUALITY CABBAGE SEED

One ounce of seed will produce from 1500 to 2000 plants; six or eight ounces ought to produce enough plants to set an acre.

Culture—For a succession sow seed of the early varieties in hot-bed or cold-frame in February and March. Later sow early varieties out of doors in April and May.

For Late Summer and Fall Cabbage, sow in April, May and June, late or winter varieties.

Transplant when 4 to 6 inches high, setting the plants down to the first leaf; early varieties 18 inches apart, in rows 2½ feet apart. Use good rich soil, plenty of manure and fertilizer, and work frequently and deeply.

The essential requirements are, first, **GOOD SEEDS**. We have made Cabbage Seed a specialty. Have for sale only the **BEST AMERICAN GROWN SEEDS**, especially grown for us.



CHARLESTON OR LARGE WAKEFIELD
CABBAGE

THE BEST SECOND EARLY CABBAGE IN EXISTENCE—Remarkable for its uniform type of large, solid, crisp, hard-heading, long-keeping quality. Has few outer or surplus leaves, being compact. Has become the truckers' favorite for main crop; very hardy and a vigorous grower. We unhesitatingly recommend this cabbage for both home and market garden.

Price—Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

HENDERSON'S EARLY SUMMER—This is an ideal second early sort. It forms flattish solid heads averaging about 8 to 10 lbs. Our seed is very carefully selected.

Price—Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

COPENHAGEN MARKET—As early as the Jersey Wakefield, and yields heavier crop. For a round head variety, this seems to be a strong statement. It is a fact and proven so by gardeners all over America for five years. Some of its chief features, in addition to its earliness, compactness, its light green leaves tightly folded, large size of heads often weighing ten pounds. Leaves being tightly folded allows close planting. It produces a fine grain, tender, white head of excellent quality.

Price—Pkt., 5c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

NORTH CAROLINA BUNCOMBE—It has been suc-

cessfully raised in North Carolina for over twenty years. Many prefer it to all other winter sorts. The heads are large, firm and solid; a reliable, sure and uniform header. Keeps well through the winter.

Price—Pkt., 5c; oz., 30c; ¼ lb., 90c; lb., \$3.25.

CHARLESTON OR LARGE WAKEFIELD—Ripens a few days later than the Jersey, but is much larger and possesses all the blood qualities of the True Wakefield type in an intensified degree.

Price—Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

HENDERSON'S EARLY SUCCESSION—A wonderful cabbage for solidity, productiveness and fine large heads. Matures early, has handsome color and fine quality.

Price—Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

ALL HEAD EARLY—For uniformity, reliability of heading, size, earliness and quality it is very superior. Its heads grow compact and free from spreading leaves.

Price—Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

SELECT EARLY JERSEY WAKEFIELD—This sharp head variety is very early, compact leaves; its



BUNCOMBE, N. C., WINTER CABBAGE

hardiness enables it to resist all sorts of unfavorable conditions. Has for a long time been the market gardener's favorite for a first early cabbage.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

SURE HEAD (Pedigree Stock)—True American grown. Produces large, round, flattened heads that are all head, with fewer outer leaves, very uniform, firm and weighs from 10 to 15 pounds each. Splendid shipper and of an excellent quality.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

AUTUMN KING, OR WORLD BEATER—Large, broad heads are uniform in shape, hard and solid as a rock, fine grained and tender—more so than any other very large cabbage. Forming so few outer leaves, it goes almost all to head. It is a rapid grower, and does not require special culture to bring out its excellencies.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

EARLY SHORT STEM DRUMHEAD—It is ready for marketing 2 or 3 weeks earlier than the late Drumheads, forms large, solid, rounded heads weighing from 15 to 25 pounds.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

LONG ISLAND EARLY FLAT DUTCH—The heads are large and solid, and mature very early—just after the select Jersey Wakefield, and may be marketed at the same time with the Wakefield. In every respect it is a cabbage worthy of cultivation.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

SELECTED LATE FLAT DUTCH—Grown very extensively by market gardeners for late crop. It grows very large, a sure header, uniform in shape, size and color. Large leaved and short stem.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

LARGE LATE DRUMHEAD—Very hardy and desirable fall and winter cabbage. Head enormous. A good keeper and shipper.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

GREEN GLAZED CABBAGE—A cabbage of similar habits to the collard; a worm proof and very desirable sort.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

AMERICAN DRUMHEAD SAVOY—The hardest cabbage in cultivation. Heavy frosts only improve the quality.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.



PE-TSAI CHINESE.

CHINESE PE TSAI OR "CELERY" CABBAGE—Produces beautiful crisp, celery-like heads that blanch easily and that resemble a giant Cos lettuce. As a salad it rivals the finest lettuce, when cooked as cabbage or spinach it makes a delightful green. Its pure white heads make the best cold slaw. It is easily grown, but should be planted early, as it does best during the cool season.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

DANISH BALL HEAD—This sort is also known and sold as Hollander; the two varieties are identical. One of the hardest of all late sorts; stands cold and drouth; produces a hard, compact, medium sized, perfectly round head of the finest quality. A splendid keeper and shipper.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

MAMMOTH RED ROCK—The largest and hardest heading sort; large leaves, deep red color; very fine.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.15; lb., \$4.00.

HOT BEDS AND COLD FRAMES

HOT BEDS AND COLD FRAMES—We are so frequently asked how to make a hot-bed or cold-frame that we decided to give here accurate instructions for both. The object of a hot-bed is to provide a place to start plants in that are to be set out in open ground later when the weather will permit, and also to grow such vegetables for the table as will permit of growing under such conditions, as lettuce, radish, beets, etc.

CONSTRUCTION—A frame should be made of the desired size, using lumber about an inch in thickness. The back should be 12 to 15 inches high and the front 10 to 12, in order to give the proper slope to turn water and catch the rays of the sun. Sash of suitable size should be provided and fitted perfectly, so as to keep out the cold, but they should be so placed as to slide, in order to give proper ventilation when needed. The frame is to be mounted on and firmly anchored around your bed after the bed is prepared.

PREPARING THE BED—This is the most important thing, and requires careful attention. Slight excavation is sometimes made before the manure is put in and the frame placed. To secure the bottom heat for the bed take a quantity of fresh horse manure and a liberal quantity of straw bedding, throw together under a shed and allow to heat for several days, then fork over and allow to come to a heat again, then remove to the frame and tramp in thoroughly to the depth of six to ten inches. Cover this with a layer of six to ten inches of good, rich, mellow soil; cover and allow to stand a few days, until the heat has subsided, and then you are ready to sow seed or put in plants.

MANAGEMENT OF THE BED—You should watch the bed, and not let it get too hot, but ventilate judiciously when needed. On very cold nights the bed might be covered with old sacks, matting or quilts. The bed must be kept moist by judicious watering which should be done evenings.

COLD FRAME—A cold frame is nothing more than a hot bed with the bottom heat cut out. This is easily done by using old manure instead of fresh, or if a little heat only is desirable, a small quantity of fresh manure can be used. Cold frames are generally used for more hardy stuff, and sometimes only canvas covering is used where the weather is not severe enough during the day but what the cover can be propped up or taken off. The proper management of both hot beds and cold frames is largely a matter of both practice and common sense.

FROST PROOF CABBAGE PLANTS

Supplied by us are raised on the coast of South Carolina, in the open ground, are stocky, will stand our climate, and make you early cabbage. They are of a better grade than offered by many others as they are raised from high quality cabbage seed.

Price—\$1.25 for 500; \$2.00 per 1,000; \$1.75 for 1,000 in 5,000 lots and over. Cabbage plants only shipped by express direct from growing station in South Carolina. Send remittance with orders. We do not ship plants C. O. D.

CABBAGE PLANTS—From our own grounds here. Early varieties ready after February 15.

Price—100 by mail postpaid, 50c; by express, not prepaid, 40c per 100; \$3.50 per 1,000.

INSECTICIDES

We carry large stocks of Arsenate of Lead, Bordeaux, Paris Green, Bug Death, Slug Shot, etc., used for destroying potato, melon and other bugs. Also a complete line of Spray Pumps.

CARROTS

One ounce is enough to sow one hundred feet of drill. Four to five pounds is enough to plant an acre.

Carrots are full of starch and sugar, furnishing very nutritious and wholesome feed; they are easily grown. In the South their hardness and the ease of cultivation make them a very profitable crop.

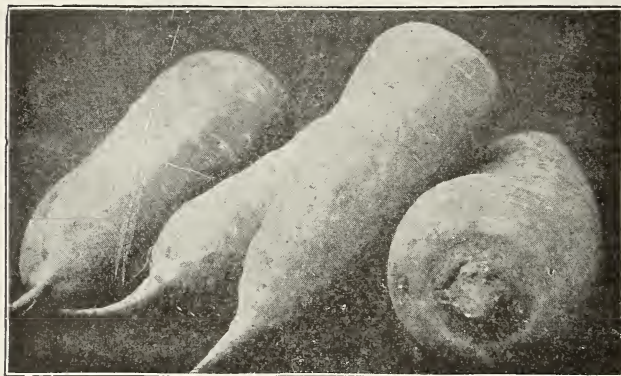
IMPROVED LONG ORANGE—A well known standard sort; roots long, thickest near the crown; tapering regularly to a point; color deep orange, suitable for the table and main field crop.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

OX HEART OR GUERANDE—A short, thick stumped sort; best for thin soil and heavy land; fine grained and very sweet.

EARLY SCARLET HORN—An excellent variety for first planting; leaves coarse and short; light green, tapering to shaped root; color, orange red.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



DANVER'S HALF LONG CARROTS

DANVER'S HALF LONG—This is the most popular sort for all purposes. We illustrate a bunch of this favorite sort, which shows its shape. A great yielder; short top, coarse leaves; roots smooth, of fine sweet flavor; color a rich orange red.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CHANTENEY, OR MODEL—Medium early and of excellent quality. Tops medium sized, necks small. Roots thick, five and one-half to six inches in length, uniformly smooth, deep orange red in color. Flesh very crisp and tender.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CARROTS FOR STOCK FEEDING

For feeding horses and milch cows, carrots are unsurpassed. Four pounds of seed are required for an acre.

IMPROVED WHITE BELGIAN—Grows one-third above ground. Root pure white, green above ground with small top; flesh rather coarse.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c; 5 lbs., for \$2.50.

LARGE YELLOW BELGIAN—Makes long yellow roots; about one-third to one-half of the roots grow above the surface and are easily harvested.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c 5 lbs. for \$3.50.

SWISS CHARD, OR SPINACH

The stalks when cooked and served like asparagus make a most delicious salad. The leaves should be prepared like spinach, kale or turnip salad. Sown early in the spring, it yields salad all summer. Grow a row and you will not be without it hereafter.

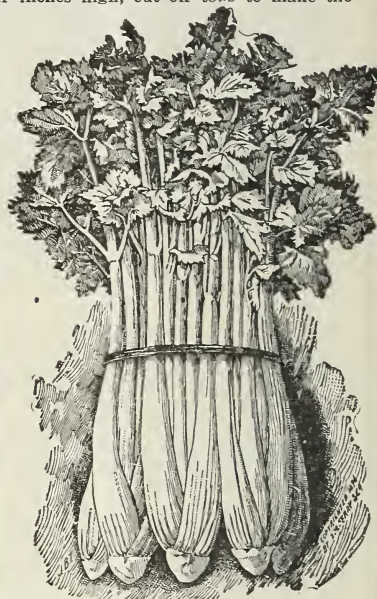
Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

MANGEL WURTZEL OR STOCK BEETS—Contain a large amount of starch and sugar, grow to a large size, and are valuable as food for all classes of live stock. See page — for description and prices of the different varieties.

CELERY

One ounce sows about 100 feet and produces about 4,000 good plants; 8 ounces to set one acre. Matures from 120 to 160 days.

Culture—Sow seed in February, March or April, in rows of fine rich soil, and if dry enough, press the soil firmly with a roller or the back of a spade. Keep the seed bed well watered, as celery germinates very slowly. When four inches high, cut off tops to make the



GOLDEN SELF BLANCHING

plants grow stocky. Transplant from June to September in rows three feet apart, six inches apart in row.

GIANT WHITE—This is the earliest maturing sort, unsurpassed in shape and quality; most easily blanched, very stocky and heavy; thick snow white stalks; tender and crisp.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

GOLDEN SELF BLANCHING, FRENCH GROWN—Of a golden yellow color; ribs are brittle, and of a delicious flavor. Nearly as early as the above variety. Stalks are heavy, perfectly solid, about 20 inches high; easily blanched.

Price—Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

IMPROVED WHITE PLUME—A great favorite, crisp and tender. The plants grow rapidly and blanch easily during the summer months.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

GIANT PASCAL—Splendid variety for fall and winter use. It blanches to a yellowish white color, and is solid, crisp, and of fine flavor.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

CELERY PLANTS

TRANSPLANTED STOCK—Can supply the four varieties above named from June to September at \$1.15 per 100 by mail postpaid. By express not prepaid, \$1.00 per 100; \$8.00 per 1,000.

CELARIAC OR TURNIP ROOTED CELERY

The roots have the flavor of celery, are excellent for flavoring soups and salads.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Add extra to pound prices, for parcel postage. See inside front cover page for parcel post rates.

CAULIFLOWER

One-fourth ounce produces about 500 plants; 3 ounces make enough to set out an acre. Matures heads in 90 days from planting.

Cauliflower succeeds well in any soil where cabbages grow. It delights in a rich soil and plenty of water. Early planting is essential; in this section plant in a hot-bed in February, March, and early in April; also rapid and thorough cultivation. Transplanting should be done in moist weather.

EARLY SNOWBALL—This variety is not only the earliest to head but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. Our seed imported direct from the world's foremost source of supply.

Price—Pkt., 15c; $\frac{1}{4}$ oz., 85c; oz., \$2.50; $\frac{1}{4}$ lb., \$9.00.



DRY WEATHER CAULIFLOWER

DRY WEATHER CAULIFLOWER—This new cauliflower is especially adapted for growing in dry locations when other varieties fail. It produces large, solid heads.

Price—Pkt., 15c; $\frac{1}{4}$ oz., 85c; oz., \$3.00; $\frac{1}{4}$ lb., \$8.00.

EXTRA EARLY ERFURT—An extra early compact sort, pure white, a reliable header, and suitable for both outdoor and forcing.

See page 31 for prices of Cauliflower plants.

Price—Pkt., 15c; $\frac{1}{4}$ oz., 85c; oz., \$3.00; $\frac{1}{4}$ lb., \$8.00.

ENDIVE

One ounce will sow 100 feet of row; 3 pounds will plant 1 acre of land in rows 3 feet apart.

Culture—A delightful salad. Sow in April, May, and June, in rows 18 inches apart, thin to one foot in the row; tie outer leaves up over the center and bleach.

MOSS GREEN CURLED—A very hardy, dark leaved sort; crisp and tender; should be bleached.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

WHITE CURLED—Almost clear white sort; very fine.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

CUCUMBERS

One ounce of seed will plant 50 hills, 3 pounds to the acre. Matures from 50 to 65 days.

Culture—The planting of cucumbers should be attended with reasonable caution as to condition of the soil. They do not germinate well in cold, damp soil, but should be planted in the open ground as soon as the soil is warm, in hills four feet apart each way. Put about ten seeds to hill, cover not over one inch deep; thin out to four plants, and give frequent shallow cultivation. Do not allow any fruit to ripen on the vines, as this will cause them to stop bearing.

ARLINGTON WHITE SPINE—The vine is vigorous and prolific, bearing long fruits. Fruits are borne early; are long and dark running to lighter green; stripes at the blossom end and of the very best quality for every purpose.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY CLUSTER—An early prolific sort; green variety, bearing its fruit in clusters. Very desirable for home pickles.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY FRAME—An early vigorous growing variety, producing short green fruit of excellent quality; very desirable for pickling.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

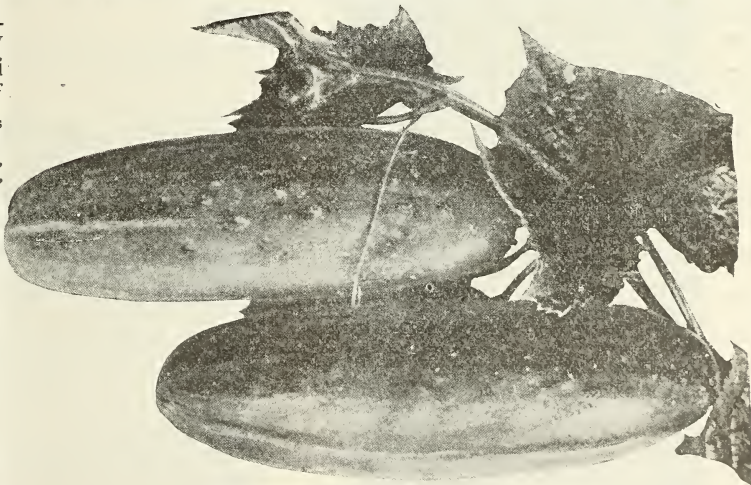
LONG GREEN—The standard variety everywhere for main crop. The variety is very prolific, producing unusually long, dark green fruit, very firm, few seeds, and of good eating quality.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

IMPROVED EARLY WHITE SPINE—A standard and very popular sort with truckers who grow for market and shipping; early and prolific.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

IMPROVED DAVIS PERFECT—We cannot praise this variety too highly. It has every quality that makes up an ideal cucumber. The vine growth is vigorous, producing unusually long, symmetrical fruits that are almost seedless. The fruits of this sort have been mistaken, even by experts, for hothouse or in-



DAVIS PERFECT CUCUMBER

door types. For this reason they always command the very best price in any market.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EVERBEARING—This is a very early and an extremely prolific variety. The young fruit is symmetrical, deep in color and crisp. It is an excellent variety to grow for small pickles.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

CHICAGO PICKLE—A small dark green, early, prolific sort, more largely used for pickling purposes than any other sort.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

GARDEN CORN AND SWEET OR SUGAR CORN

One quart Seed Corn will plant 200 to 300 hills. One peck for an acre in hills.

Culture—Plant in hills three feet apart each way, six or eight kernels in a hill. Make the ground rich with well-rotted manure. Plant the early varieties the last of March or the first of April. Sweet corns are tender and should not be planted till the ground is warm. Give frequent and thorough, but shallow cultivation.

The crop of Sweet Corn was very short. The supply of Seed Stock on the market is limited. Place your orders with us early.

GOLDEN BANTAM—EXTRA EARLY, SWEET, TENDER AND DELICIOUS, is becoming each year more popular because of its extreme early character, vigorous growth and delicious flavor. It is pronounced by many of our planters the finest extra-early sweet corn ever grown. The dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm, hence can be planted earlier than any other true sweet

corn. The stalks are dwarf and sturdy in habit, growing to a height of four feet and can be planted close together in the row; they bear two or three good small ears to the stalk. The grains are yellow. Golden Bantam is truly delicious.

Price—Pkt., 10c; lb., 30c; 10 lbs., \$2.75.

COUNTRY GENTLEMAN—Small cob; long, slender, white grains. This variety has a small, white cob, densely covered with irregular rows of very long, slender, white grains of excellent quality, ears seven to nine inches long; stands from six and one-half to seven feet high. Well adapted for canning as well as the home garden and market and by many regarded as the best of the late varieties.

Price—Pkt., 10c; lb., 30c; 10 lbs., \$2.75.

STOWELL'S EVERGREEN—Now recognized everywhere as the standard variety, both for home and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all sorts.

Price—Pkt., 10c; lb., 30c; 10 lbs., \$2.75.

EARLY MAMMOTH—The ears are of large size, tapering well toward the end. A late ripening second early variety.

Price—Pkt., 10c; lb., 30c; 10 lbs., \$2.75.

LATE MAMMOTH—The mammoth ears are thick through, with many rows of large broad grains of excellent quality.

Price—Pkt., 10c; lb., 30c; 10 lbs., \$2.75.

WHITE EVERGREEN—(75 Days). This produces large handsome ears well filled with deep pure white grains of delicious sweetness.

Price—Pkt., 10c; lb., 30c; 10 lbs., \$2.75.

EXTRA EARLY ADAMS—A popular variety in the South. It is not a true Sugar Corn, but, planted on very rich soil and given thorough cultivation, produces well-filled ears very early.

Price—Pkt., 10c; lb., 20c; 10 lbs., \$1.75; 100 lbs., \$15.00.

IMPROVED EARLY ADAMS—This is a very hardy sort and can therefore be planted very early. The stout stalks grow 6 or 7 feet in height, bearing one or two large or medium-sized ears, which are well filled with fine white grain that is of excellent quality if pulled at the proper stage.

Price—Pkt., 10c; lb., 20c; 10 lbs., \$1.75; 100 lbs., \$15.00.

TRUCKER'S FAVORITE—For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. It is a white corn, with good depth of grain, tender and sweet, and makes most desirable size for roasting ears. In addition to being a fine garden corn, it makes an excellent field corn to plant late.

Price—Pkt., 10c; lb., 20c; 10 lbs., \$1.75; 100 lbs., \$15.00.

POP CORN

A PROFITABLE CROP. Boys and girls can easily grow an acre or so and dispose of the product to the groceryman.

WHITE RICE—A very handsome and very prolific variety. Ears short; kernels long, pointed and resemble rice; color white. No variety of Pop Corn is superior to this for popping.

Price—Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 15 lbs., \$1.50; 50 lbs., \$5.00.

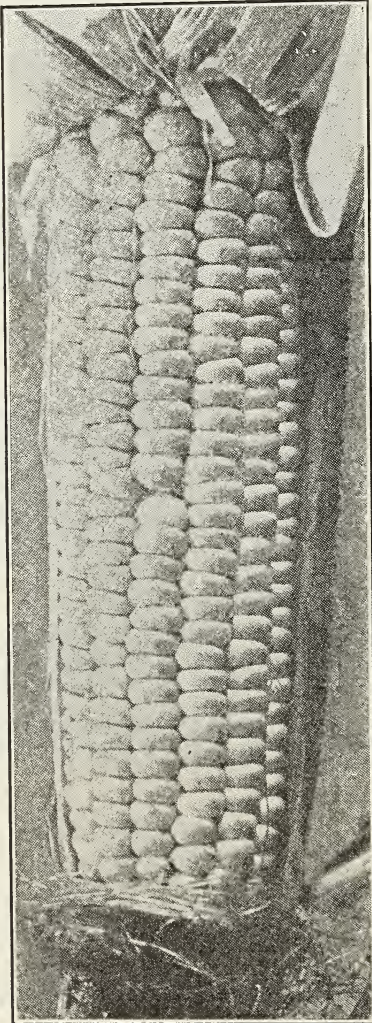
QUEEN'S GOLDEN—This is a large-eared and handsome Pop Corn. The grains are large, pop perfectly white, and are exceedingly tender. The stalks grow about 6 feet high, and yield three or four ears each.

Price—Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 15 lbs., \$1.50; 50 lbs., \$5.00.

RED BEAUTY—This is a very prolific and attractive variety.

Price—Pkt., 10c; lb., 25c.

Prices named on corn do not include postage. Refer to parcel post rate on first page. Pint weight (1 pound), quart weight (2 pounds).



GOLDEN BANTAM SUGAR CORN

KOHLRABI

One ounce to 100 yards of row.

A vegetable intermediate between the cabbage and turnip, which combines the flavor of both. It forms a turnip-shaped bulb above the ground, which is prepared for the table like turnips. If used when young and tender, makes a delicate and desirable vegetable. Also known as "Turnip-rooted Cabbage." Sow in rows 18 to 20 inches apart, thinning out to 8 inches.



WHITE VIENNA KOHLRABI

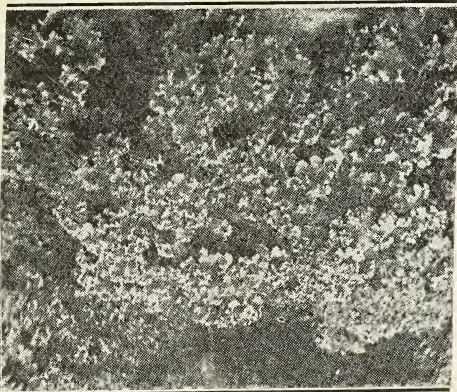
EARLY WHITE VIENNA—A light green type; the most popular.

Price—Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

KALE, OR BORECOLE

One ounce to one hundred and fifty feet of drill, or broadcast two pounds to acre.

A salad of the cabbage family; extremely easy and profitable to grow; broadcast same as turnips; very hardy.



DWARF CURLED SCOTCH KALE

DWARF CURLED SCOTCH—A very early dwarf, hardy sort.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

TALL CURLED SCOTCH—A tall, growing sort; very hardy.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

LONG STANDING SIBERIAN—The hardest of the lot; very popular.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

MUSTARD

One ounce sows 30 feet, 4 or 5 pounds per acre.

This is grown to quite a large extent in the Southern States. It is used the same as spinach, or boiled with meat as greens. The white or yellow-seeded variety is cultivated chiefly for medicinal purposes or pickling.

Culture—Sow during February, March or April, or in the fall during September or October, either broadcast or in rows 6 inches apart. Cut when about 3 inches high.



SOUTHERN GIANT OR CURLED MUSTARD

SOUTHERN GIANT CURLED—It forms a great mass of light green leaves beautifully frilled and finely curled. Succulent, pungent, and of sweet flavor. The most popular with Southern growers.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

OSTRICH PLUME—This variety stands the summer heat finely. Is considered the most beautiful of all mustards. Leaves are long, ruffled and curled as graceful as the ostrich plume.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

CHINESE BROAD LEAF—Ready in six weeks from sowing. Leaves are twice the size of the white, and the stems more succulent. Pleasantly sweet and pungent.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

WHITE—Leaves comparatively smooth, dark green. Mild and tender when young.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BLACK—Stronger and more pungent than the white.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LEEK

The Leek belongs to the Onion family. Sow the seed and care for the young plants as for onions, but they need more room in order to develop. When the young plant is about the size of a goose quill, transplant to a prepared bed in rows about 3 or 3½ feet apart and 4 or 5 inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

LONDON FLAG—This is a variety generally cultivated in this country. It is hardy and of good quality.

Price—Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

EGG PLANT

One ounce for 1,000 plants, requires about 4 ounces to plant an acre. Matures in about 120 days from sowing.

Egg plant is one of the most delicious vegetables. They grow and fruit exceptionally well in the South, and are very high in food value. Sow seed early in hot beds and transplant into well fertilized situations, when all danger or frost is past.

NEW YORK IMPROVED SPINELESS—This is an entirely spineless strain of the large purple-fruited, which is the well-known standard. The plants are equally as productive, fruits as large and well colored, but stems and calyx entirely free from spines.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

BLACK BEAUTY—Ten days or two weeks earlier than the preceding, with fruits just as large, of uniform shape and rich, lustrous black color. Fruits develop very quickly and planters will be pleased with them.

Price—Pkt., 5c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

FLORIDA BIG BUSH—Very vigorous and productive, bearing very profusely its large purple fruits of fine shape and quality. Resist drought and wet weather to a great degree, on account of its strong upright growth.

Price—Pkt., 5c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

EGG PLANTS—Large, stocky, transplanted plants. Ready March 1st till July.

Price—50c per doz., \$3.50 per 100 postpaid. By express not prepaid, 40c per doz.; \$3.25 per 100.

LETTUCE

One ounce will sow about 150 feet of drill or produce 3,000 plants.

Culture—Sow in hot-beds in February and March, harden off and set out 8 to 12 inches apart in 18 inch rows. For succession, sow every three weeks. Sowing may be made in open ground early in the spring and the plants thinned out. Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation, and plenty of water to give it that quick growth on which depends its tenderness and flavor. After plants are set out a side-dressing of nitrate of soda will stimulate their growth.

CURLED OR LOOSE HEAD VARIETIES

GRAND RAPIDS—A good lettuce to sow outside early in the spring for family use. Makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good marketable condition for a long time after cutting. Its delicious quality and handsome appearance make it a popular variety.

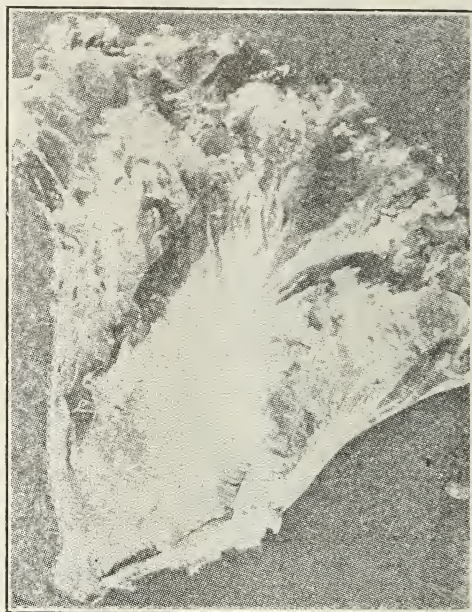
Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

BLACK-SEEDED SIMPSON—One of the best, either for forcing under glass or for open ground culture. It forms large, thin, loose leaves of light green color, very tender, crisp and of fine quality.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

PRIZEHEAD—Well known, loose-heading lettuce, quite distinct from most other sorts on account of its peculiar color, light green shading to bright reddish brown. The leaves are somewhat crimped, and grow more so at the border. In quality, tender and sweet.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



GRAND RAPIDS LETTUCE

CABBAGE OR HEADING VARIETIES

WAYAHEAD LETTUCE—The earliest butterhead Lettuce, not only being "wayahead" in earliness, but the tightly folded heads are generally larger in size. The outer leaves a light green, with the inner head finely bleached to a rich buttery yellow. "Wayahead" stands a longer time before running to seed than any other early-head variety.

Price—Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c.

IMPROVED HANSON—One of the best for growing during the hot summer months, as it will stand heat and dry weather to perfection. The large, solid heads weigh sometimes 2' or 3 pounds. They are of light green color outside, and white within, tender, crisp and of fine flavor.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

ICEBERG—A good variety for either the market gardener or for family use. Somewhat similar to Hanson, but smaller and of slightly darker color. It matters not whether grown to head in the early spring or in the hottest days of summer, the leaves are always tender and crisp.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

BIG BOSTON—(Improved Selected). Very distinct variety, grown largely in the South as a winter lettuce. It forms large, solid heads, with broad, comparatively smooth and thin leaves. They are of light green color, and quite tender when well grown. Outside it is a less distinctive leading sort, the plants being vigorous, growing to a good size and forming loose heads.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

BRITTLE-AS-ICE—Very large, extremely crisp, hard-heading, and extra long standing. Retains its crispness and mild flavor to a greater degree during the hot summer months than any other crisp-headed



BIG BOSTON LETTUCE

variety; also very desirable for spring and fall. The leaves are of a soft, bright green, growing tightly around the head. They blanch to a silvery white, and are nearly as crisp as celery.

Price—Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

WONDERFUL (NEW YORK)—This splendid mammoth heading and long-keeping variety has been grown to weigh 6 lbs. to the head; frequently weighs 2 or 3 lbs. Heart is solid, of light green color, very sweet, tender and crisp. Long standing, perfect heads may be cut from the same bed for many weeks.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.35.

CALIFORNIA CREAM BUTTER OR ROYAL SUMMER CABBAGE—A very reliable heading variety; leaves glossy, deep green, very solid head.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

PARIS WHITE COS OR CELERY LETTUCE—The Cos Lettuces are quite distinct, and they are popular on account of their tender, crisp leaves and delicious flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid conical heads and bleach snow white.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

MAY KING—Of quick growth and produces large, handsome heads with few outside leaves. Color light green, outer leaves folding closely, producing round, solid heads 6 to 7 inches in diameter. Splendid for market gardeners or private use.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

LETTUCE PLANTS—Big Boston, Grand Rapids, and May King varieties.

Price—45c per 100 postpaid. By express not prepaid 35c per 100; \$2.50 per 1,000.

PRICES QUOTED IN THIS CATALOG ARE SUBJECT TO CHANGE

ASHEVILLE, N. C., R. F. D. NO. 1,
NOV. 1, 1919.

ASHEVILLE SEED CO.,

ASHEVILLE, N. C.

GENTLEMEN:—

I FOUND YOUR GARDEN SEED TO BE IN EVERY RESPECT WHAT YOU CLAIM FOR THEM. THEIR PRODUCTIVENESS AND GERMINATION WAS IN EVERY INSTANCE SATISFACTORY. I WILL BE READY TO PLACE MY SPRING ORDER WITH YOU SOME TIME THIS MONTH.

YOURS TRULY,

K. F. YOUNG.

MUSKMELON OR CANTALOUPE

One ounce will plant 50 to 60 hills; 2 to 3 pounds to an acre.

Culture—A rich, sandy soil and good seed are absolutely essential for success in raising the best muskmelons. The seed should not be planted until the ground has become dry and warm; plant in hills 4 to 6 feet apart each way; old well-rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Put from 6 to 10 seeds to the hill, and when danger of insects destroying the young plants is past thin out 3 or 4 plants. Give frequent but shallow cultivation until vines cover the ground.

BURRELL'S GEM—A true salmon fleshed Rocky Ford. Character same as Rocky Ford, except that its flesh is a beautiful salmon color. The melon is well ribbed and covered with a fine grayish netting. A splendid shipping variety, each melon averages 2½ lbs. Very sweet. Matures in about 75 days.

Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

TIP TOP—This very productive melon is of medium to large size, nearly round, slightly ribbed and fairly well covered with shallow netting. The flesh is deep yellow in color and of excellent quality.

Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

NETTED GEM—The fruits are uniformly larger than the Rocky Ford Netted Gem, the flesh is thicker, rich and very sweet. This selected strain is hardy and prolific.

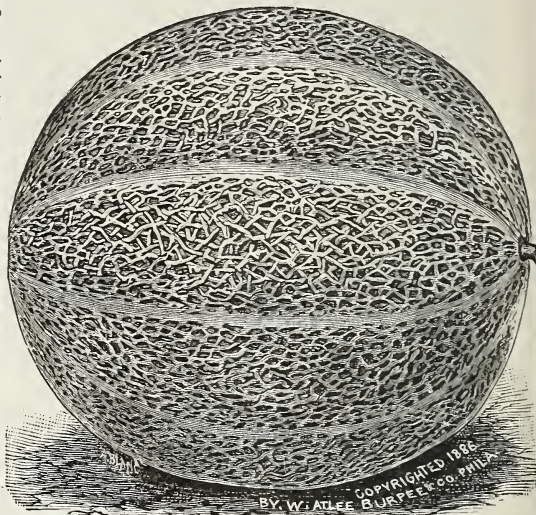
Price—Pkt., 5c; oz., 15c ¼ lb., 40c; lb., \$1.25.

LARGE HACKENSACK OR TURK'S CAP—Hardy and productive. Melons are of extra large size, nearly round, heavily ribbed and netted. Flesh is green, thick and very sweet.

Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

JENNY LIND—An extra early, small green variety, very prolific. The flesh is a light green and one of the sweetest. It is deeply ribbed and thickly netted.

Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



ROCKY FORD OR NETTED GEM MUSK MELON

ROCKY FORD NETTED GEM (SELECTED STRAIN)—The most popular melon in cultivation. It is without doubt the most uniformly good sort. Very popular as a shipper, fruits stand handling with little or no damage. Early and very prolific; flesh is light green with salmon flesh near the seed. We offer seed of the very finest strain, grown for us by specialists in this line, and subjected to the greatest care in selecting and curing.

Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

EXTRA EARLY HACKENSACK—An extra sort, maturing in about 60 days, running from medium to large; deeply ribbed, tough rind sort. A very valuable shipping variety. Flesh light green to pink at the center.

Price—Pkt., 5c; oz., 15c; 4 ozs., 40c; lb., \$1.50.

BANANA—The fruit is very long, cucumber-shaped, 18 to 24 inches; flesh yellow, thick and of most delicious odor and flavor.

Price—Pkt., 5c; oz., 20c; ¼ lb., 65c.

FORDHOOK—The rind, though thin, is unusually firm and well netted; the thick salmon flesh is solid and sweet to the rind. One of the finest for market, also equally as good for the home garden. The introducer pronounced it equal to the Emerald Gem in delicious flavor.

Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

DELICIOUS GOLD LINED ROCKY FORD—It is medium in size, of round, oval form. Meat of a beautiful golden color, deliciously sweet, very prolific and hardy.

Price—Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

HONEY DEW—This late variety has become extremely popular on account of its large size and excellent quality. It is from six to seven inches in diameter, has a smooth skin, and thick melting flesh of delicious flavor as sweet as honey. An excellent variety for storage.

Price—Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.50.

MARKET GARDENERS, or other large planters, requiring larger quantities of seeds than are here offered, are invited to write us for Special Prices, and must be sure to name **VARIETIES** and **QUANTITIES** they will want.

To pound rate add for parcel postage. Smaller quantities, postpaid, at prices named.



EMERALD GEM MUSK MELON

EMERALD GEM—The fruit is of good size, very smooth and of deep emerald green color. The flesh is of a rich salmon color, and ripens thoroughly to the extreme thin rind, and is very sweet and rich of flavor; very hardy and prolific, and grows to perfection in the South. The melon follows the extra early sorts in ripening and lasts longer than most any variety. This melon very popular for home gardens.

Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

SELECTED SOUTHERN GROWN WATERMELON SEED

One ounce will plant 30 hills; 3 lbs. for one acre.

The watermelon seed we offer is **Southern Grown** and far superior (contrary to the general rule in seed), to those grown in the North. Watermelon seed produced North or West and grown in the South produces melons with a hard core and are not used by the large melon growers in the South, although frequently can be obtained at much less price.

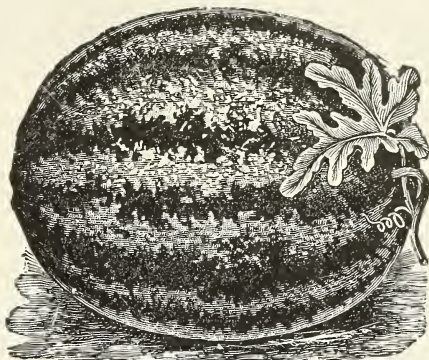
Culture—Prepare the soil by thoroughly working in well rotted manure, pulverized sheep manure or poultry droppings; rich soil gives the plants a good start before insects attack them. Make hills 8 feet apart each way, plant 6 to 8 seeds to a hill, covering one inch deep; when well up thin out, leaving 3 strong plants to a hill.

NOTE—Do not neglect to spray your melon vines with **Bordo Mixture**, it will help to increase the yield and prevent diseases that often destroy the melon crop in the South. See page — for description and price of Bordo Mixture.

To prevent and destroy Bugs, dust the vines with **Bug-Death or Slugshot**. See Insecticides, page —, for price on Bug-Death or Slugshot.

GEORGIA RATTLESNAKE—One of the largest, oldest and most popular sorts, especially in the South. Fruits very long, of light green color, distinctly striped and blotched with a darker shade. Flesh bright scarlet, very sweet and tender.

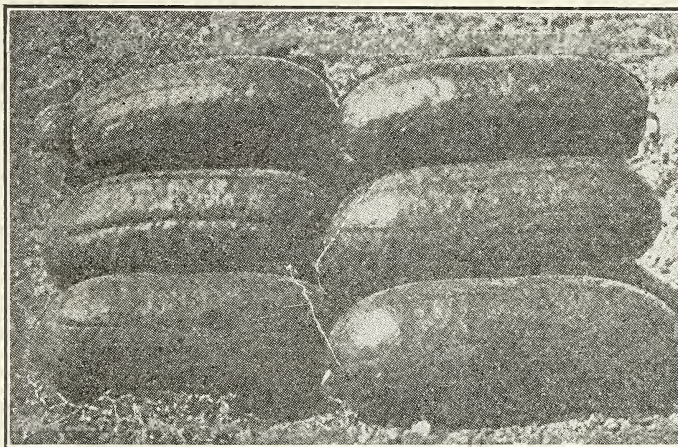
Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



HARRIS' EARLIEST WATERMELON

HARRIS' EARLIEST WATERMELON—Sweetest, largest early melon. Melon is oval to oblong; beautifully striped with green and grey; bright red flesh which is sweet, tender and delicious. It is a melon for everybody to grow who wants to be first in the market with fine large melons weighing 20 to 30 lbs.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



GENUINE TOM WATSON WATERMELON

TOM WATSON

No watermelon ever introduced has sprung into popular favor so quickly as the Tom Watson; the illustration will show the purchaser the true type. The melons are large, long and dark green like the Kleckly Sweets, but larger, and has a tougher rind, consequently is an excellent shipper for long distances. The deep flesh or meat is a beautiful rich red, solid and lusciously sweet and ripens close up to the vine. The vines are vigorous and very productive, although a shipping melon, its extra fine quality commends it to the private gardener. The heart is large with no sign of core. The seeds are brown tipped with white. Our seeds are Southern grown, which are the best.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

COLORADA CITRON or PRESSING MELON—Also called apple pie.

Price—Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

To pound prices, add for parcel postage.

AUGUSTA RATTLESNAKE—Seed Georgia grown. This is a very superior and early type of Rattlesnake melon; large and very uniform, no misshapen melon in the type. Flesh deep red and crisp; no strings. Seed of this type are quite distinct, having a black ring around the edge, terminating in two black eyes at the point of the seed. Our seed are true and very best quality.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

KLECKLEY'S SWEET—This is the famous "Sweetest of All." Without doubt one of the finest melons grown. Long thin rind. Not a shipper, but one of the finest for home use.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

HALBERT'S HONEY—One of the newer varieties of splendid quality and especially desirable for home use or nearby markets. They are much like Kleckley's Sweet, or Monte Cristo, but longer in shape;

have a dark green thin rind; exceedingly bright scarlet meat, so crisp and tender that a well ripe melon splits ahead of the knife when cutting. Melons are long, blunt at both ends, and the vines are very productive.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.

FLORIDA FAVORITE—A large, smooth, beautifully shaped melon of dark green color, irregularly striped with light green, very early and exceedingly prolific. The rind is of medium thickness, very hard and tough, making an excellent sort for shipping. The flesh is of bright red color, sweet and juicy.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

ICE CREAM OR PEELESS—A popular melon for home and market. Oblong, with dark green, finely graned skin. Flesh sweet, deep pink; solid to the center.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

ALABAMA SWEET—Shape long to oblong; dark large green slightly striped with lighter shade. The flesh is exceedingly tender and sweet; rind medium thin but tough.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.

CAROLINA BRADFORD—Color dark green. striped with darker shade; rind thin; flesh red and of fine flavor; seed small, white, flecked with brownish spots, excellent for home use.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

KOLB GEM—Large, heavy shipper; round, dark green striped with lighter shade; rind thick, flesh bright red, seed dark gray.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.

SUPERIOR ONION SEED

One ounce will sow 100 feet of drill; 5 pounds is required to make plants enough to set an acre.

Culture—Large Onions from Seed—To grow large onions from seed the first year, sow in January, February or early in March in hot beds, or in the open ground later, and when the weather opens and the plants are the size of a goose quill, transplant 4 or 5 inches apart in 12 to 18 inch rows. Transplanting always increases the yield, sometimes doubles it.

The onion is best grown in a rich, sandy loam. Continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise.

PRIZE TAKER, OR SPANISH KING—It is one of the largest, handsomest and most profitable varieties grown. By sowing early and transplanting it can be grown to an extraordinary size. The Prize Taker Onion is globe-shaped; of a clean, bright yellow or straw color. Has a small neck and ripens up hard. Keeps

well until about midwinter. Flesh thick, white, mild and agreeable in flavor. It is easily grown, medium early in maturing.

Price—Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

ONE TRUCK GROWER in Buncombe County planted 50c worth of **SOUTH PORT YELLOW GLOBE ONION SEED** that he bought of us as late as the 10th of June, and by the first part of October had sold \$40.00 worth of onions. If he had planted the seed at the right time, March or April, in the open, his onions would have been double the size and brought him twice the revenue.

LARGE RED WEATHERFIELD—The most widely cultivated red variety, the standard winter Onion; a sure and heavy yielder; the best keeper; grows to an immense size, solid, oval-shaped, flattened on top; skin purplish red, smooth and glossy; flesh white. This variety does best on rich, moderately dry soil, but on low much land it is more apt to form large necks than the Danvers. There is no better sort for poor and dry soils.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

LARGE YELLOW GLOBE DANVERS—This improved variety is largest in size and uniformly globe shaped, has small necks and ripens evenly. A fine keeper and matures early.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

SOUTHPORT WHITE GLOBE—A handsome white globe Onion. Very mild.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

SOUTHPORT YELLOW GLOBE—Fine shape; rich yellow color and a good keeper.

Price—Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

SOUTHPORT RED GLOBE—Large, beautiful globe-shaped red Onion, very mild and splendid keeper.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

SILVER SKIN OR WHITE PORTUGAL (See Cut)—The bulbs are flat. It is of a mild, pleasant flavor and is a splendid variety, both for home use and the market gardener. It is extensively used for growing sets, for which it is well adapted on account of the shape of the bulb and its excellent keeping qualities. It is also used largely for pickling.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

ONION SETS

One quart will plant 50 feet of row; 4 to 6 bushels will plant an acre.

SILVER SKIN—Best white Onions for growing from sets. Mild flavor and good keepers.

Price—Postpaid: Qt., 25c; $\frac{1}{4}$ pk., \$1.00. Express: Qt., 25c; pk., \$1.25; bushel, \$4.50.

YELLOW DANVERS—One of the best keepers and



PRIZE TAKER
OR SPANISH KING ONION



SILVER SKIN OR WHITE PORTUGAL ONION

the most popular variety to plant in the spring from sets.

Price—Postpaid: Qt., 25c; $\frac{1}{2}$ pk., 75c. Express: Qt., 20c; pk., \$1.15; bushel, \$3.75.

LARGE RED WEATHERFIELD—A favorite market variety and large cropper.

Price—Qt., 20c; $\frac{1}{2}$ pk., 75c; pk., \$1.25.

WHITE MULTIPLIER—Or Nest Onions, very productive, of finest flavor; better keepers than the Yellow Multiplier, and does not make as large onions as they do.

Price—Postpaid: Qt., 25c; by express, qt., 25c; $\frac{1}{2}$ peck, 85c; pk., \$1.15; bushel, \$3.75.

YELLOW POTATO, MULTIPLIER—These make large reddish-brown Onions of a mild flavor; excellent qualities.

Price—Postpaid: Qt., 25c; $\frac{1}{2}$ pk., 85c. Express: Qt., 20c; pk., \$1.15; bushel, \$3.75.

PARSLEY

One ounce sows one hundred and fifty feet of row.

Culture—Sow in February, March or early in April, half an inch deep, in rows a foot apart, pressing the soil after sowing. Parsley is slow to germinate, sometimes two or three weeks in coming up. Germination may be hastened by soaking the seeds several hours before sowing, or by covering the rows with boards to retain the moisture.

Fall sowings should be made in August or September in hot beds or cold frames. Top dress with well rotted manure or a good ammoniated fertilizer.



CHAMPION MOSS CURLED PARSLEY

CHAMPION MOSS CURLED—The best and most improved strain. It is beautifully curled and crimped, and is best for garnishing and flavoring. If cut when about 3 inches high, it starts a new growth that will be better curled and a brighter color. It makes an ornamental plant for edging walks.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

PLAIN OR SINGLE—Very hardy, and stronger in flavor than the curled.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

TURNIP-ROOTED, OR HAMBURG PARSLEY—The fleshy root resembles a parsnip, and is used for flavoring soups, stews, etc.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

PEPPER PLANTS

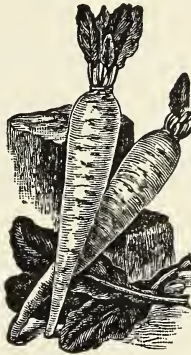
Transplanted and potted, stocky plants of Ruby King, Chinese Giant, Bell or Bullnose, and Long Red Cayenne, ready from April to June.

Transplanted Plants, Price—Doz., 35c; 100 for \$1.50 postpaid; by express not prepaid, doz., 30c; per 100, \$1.35.

PARSNIPS

One ounce sows about one hundred and fifty feet; five to six pounds to the acre.

They require a deeply prepared loam for their fullest development. The seed are very slow to germinate, and should be sown early in the spring in rows eighteen inches apart for home cultivation, or thirty inches apart for horse cultivation. Thin out to six inches to the row. Cultivate often.



PARSNIP

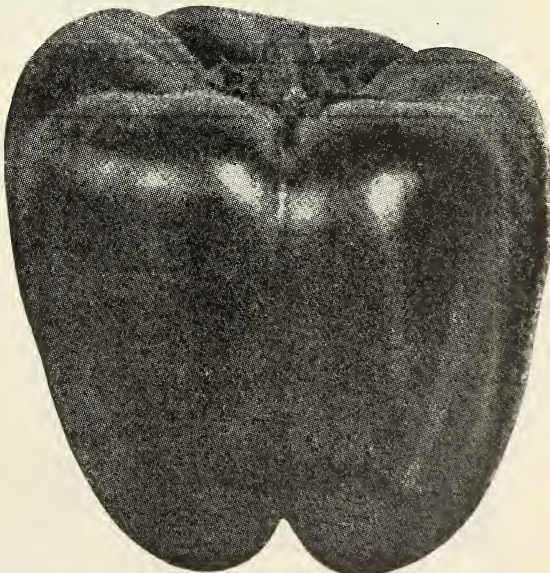
SUGAR OR HOLLOW CROWN—The very best sort in existence. A large yielder of the finest quality.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

PEPPER

One ounce will produce one thousand to fifteen hundred plants.

Peppers are very popular in all sections of the South. They are largely used in salads, etc., also the thick fleshed sorts are very fine sliced. The hot sorts add greatly to meats, etc., and are also very valuable for seasoning other dishes. Peppers should be sown early in boxes or hot-beds and transplanted into a loamy, well fertilized situation in rows about two feet apart and eighteen inches to two feet in the row. Cultivate often and thoroughly, continuing until frost,



CHINESE GIANT PEPPER

and you will be rewarded with a continuous crop as long as cultivation is kept up. The seed we offer is the very best strain, carefully tested.

The crop of Peppers was very short, forcing the prices much higher and making the stock on the market limited.

CHINESE GIANT—Absolutely the largest sort that grows; enormous, sweet flavored pods; thick, crisp flesh of delightful mild flavor. Plants bushy, coming to bear early and growing a large crop of its four-lobed pods. Very few seed. An ideal salad and stuffing sort.

Price—Pkt., 5c; oz., 75c; $\frac{1}{4}$ lb., \$2.75.

RUBY KING—This is a fine variety, growing from four and a half to six inches long, and three to four inches thick. The flesh is very thick, mild and pleasant to the taste. It is a fine sort for stuffing or for pepper hash, and also makes an excellent dish for salad. The growth of its foliage is very distinct, being large leaved and vigorous.

Price—Pkt., 5c; oz., 60c; $\frac{1}{4}$ lb., \$2.75.

MAMMOTH BELL, OR BULL NOSE—This is the most popular of all sweet varieties; is very mild in flavor and flesh very thick. It is a very fine variety for pickling.

Price—Pkt., 5c; oz., 60c; $\frac{1}{4}$ lb., \$2.25.

SWEET MOUNTAIN—Similar to Bell; very popular for stuffed pickles. Sweet and mild flavored. It is very large, smooth and handsome.

Price—Pkt., 5c; oz., 60c; $\frac{1}{4}$ lb., \$2.25.

EARLY NEAPOLITAN—The earliest large pepper. Plants are strong, vigorous and very prolific. The skin and flesh are bright red; they are thick-meated, sweet and mild.

Price—Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.75.

GOLDEN DAWN—Color bright golden yellow, very brilliant and handsome.

Price—Pkt., 5c; oz., 75c; $\frac{1}{4}$ lb., \$2.75.

LONG RED CAYENNE—This is a fine, long, slender variety, very hot, bright red, and of exceedingly delicate flavor as a seasoner. It is a good keeper. When fully ripe can be gathered, dried and strung for winter use.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.75.

RED CHERRY—A small vigorous growing sort, will commence bearing when plants are six inches high. The pods are small, round and very hot.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.75.

CELESTIAL—Conical fruits, creamy tinted, turning to scarlet when ripe.

Price—Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.

GARDEN OR ENGLISH PEAS

One and one half pounds will plant 100 feet row; 90 to 120 lbs. to an acre.

Culture—Plant the smooth varieties as early as the ground can be worked, in rows 3 to 4 feet apart, 2 inches deep, giving the later sorts more room between the rows. The wrinkled peas are not as hardy as the smooth sorts, and should be planted later; they are sweeter and better flavored. Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best.

EXTRA EARLY BUNCH VARIETIES

EXTRA EARLY FIRST AND BEST—We can strongly recommend this pea for early use. It is hardiest, the most prolific and profitable of all early sorts. The well-filled pods containing usually 6 to 8 peas, retaining their beautiful green color long enough after being picked. Grows 2 to 2 $\frac{1}{2}$ feet high.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: Lb., 30c; 15 lbs., 28c per lb.

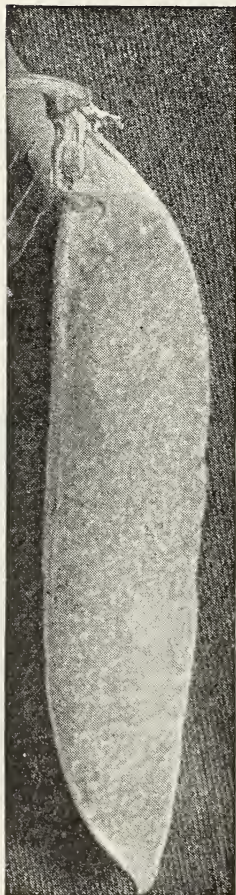
ALASKA LARGE-PODDED—EARLIEST OF ALL—Matures in pods in about 35 days, which are filled with medium sized, bright green peas of good flavor. The vines grow from 2 $\frac{1}{2}$ to 3 feet high. Uniform maturity and other distinct valuable qualities have made it popular with the gardeners and canners.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: Lb., 30c; 15 lbs., 28c per lb.

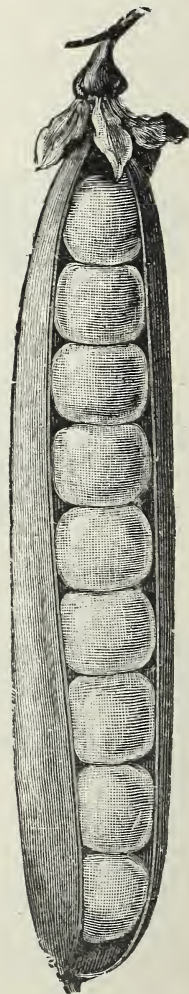
AMEER—An extra large-podded pea of excellent quality. Vines grow about three feet in height, producing large, finely-shaped pods. The peas ripen uniformly and are round, slightly dented, of bright green color. A prolific bearer, making it a valuable market gardener's sort. If you desire a fine large-podded pea that will mature early, one that fills the hamper quickly, plant Our Ameer, or Large-Podded Alaska.

Price—Postpaid: Pkt., 10c; lb., 45c; 10 lbs., \$4.00.
Express: Lb., 40c; 15 lbs. at 35c per lb.

NEW EARLY GRADUS OR PROSPERITY—Extremely early; large deep green pods; exquisite flavor. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small, round, extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches or more in length, as large as Telephone, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of the highest table quality and retain in a remark-



LARGE PODDED
ALASKA PEAS



TALL TELEPHONE
PEAS

able manner their color and attractive appearance after cooking.

Price—Postpaid: Pkt., 10c; lb., 50c; 10 lbs., \$4.50.
Express: Lb., 45c; 15 lbs. at 40c per lb.

NOTT'S EXCELSIOR—Early dwarf wrinkled; tender and of fine flavor. Vines average about twelve inches high; pods medium sized, about two and three-fourths inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. A most desirable sort for the market gardener and unsurpassed for the home garden.

Price—Postpaid: Pkt., 10c; lb., 45c; 10 lbs., \$4.00.
Express: Lb., 40c; 15 lbs. at 36c per lb.

McLEAN'S IMPROVED LITTLE GEM—Dwarf and prolific, long well filled pods. This has been for many years the standard dwarf wrinkled pea for the family garden, and are also popular with market gardeners. Strong and vigorous in growth, producing vines from 18 to 24 inches in height; dark foliage. Pods are almost straight, 2½ to 2¾ inches long.

Price—Postpaid: Pkt., 10c; lb., 45c; 10 lbs., \$4.00.
Express: Lb., 40c; 15 lbs. at 36c per lb.

LATER VARIETIES—POLE

TALL TELEPHONE—Large pods; prolific; does well everywhere. Immensely productive; finest quality; excellent flavor; vines very strong, growing about 4 feet high and should be given support; produces an abundance of pointed pods of largest size, often four and one-half to five inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor.

Price—Postpaid: Pkt., 10c; lb., 45c; 10 lbs., \$4.00.
Express: Lb., 40c; 15 lbs. at 35c per lb.

CHAMPION OF ENGLAND—Prolific and hardy; small pod but well filled. An old standard wrinkled

variety, growing 4 to 5 feet high. The pods are large and the peas tender and sweet. The bearing period is prolonged, it being a hardy grower. Very productive and universally admitted to be one of the richest and best flavored peas; seed light green and much shriveled.

Price—Postpaid: Pkt., 10c; lb., 45c; 10 lbs., \$4.00.
Express: Lb., 40c; 15 lbs. at 38c per lb.

BLACK-EYED MARROWFAT—Very hardy and productive; main crop. Largest of the marrowfats, with a distinct black eye. An excellent variety, growing about five feet high. It is a very prolific bearer of large pods. Seed large, smooth, round, light yellow with black eye.

Price—Postpaid: Pkt., 10c; lb., 35c; 10 lbs., \$3.00.
Express: Lb., 30c; 15 lbs. at 26c per lb.

LARGE WHITE MARROWFAT—Good market variety; tall; splendid flavor. Cultivated extensively for the summer crop. About 5 feet high, of strong growth. The pods are large, cylindrical, rough, light colored and well filled; seed large, smooth, round and light yellow.

Price—Postpaid: Pkt., 10c; lb., 40c; 10 lbs., \$3.50.
Express: Lb., 35c; 15 lbs. at 30c per lb.

MAMMOTH MELTING SUGAR—The edible podded variety; tall. Used in the same way as snap or string beans. The best of these edible podded sorts is the Melting Sugar, of which we offer a very fine strain. The pods are very large, four to four and one-half inches long, broad, often curved or twisted and when young, stringless, very tender and finely flavored. The variety is rather late maturing, very prolific, strong growing, about four to five feet high with large light colored foliage. Seeds medium to large, smooth, round light yellowish white color.

Price—Postpaid: Pkt., 10c; lb., 50c; 10 lbs., \$4.00.
Express: Lb., 45c; 15 lbs. at 40c per lb.

All prices subject to change.

GENUINE MAINE GROWN SEED IRISH POTATOES

EARLIER AND MORE PRODUCTIVE

The famous Maine grown seed potatoes richly deserve the high favor they have won in America. Under normal growing conditions, seed from this source yield an abundant crop of tubers, true to type and of superior quality. Potatoes planted in many sections soon "run out," become watery and yield poorly; the Maine seed always reproduce a good yield of delicious mealy tubers. Our stock is grown and selected for seed by a reliable expert in Maine; each bag will have the government inspector's tag, showing that they have been inspected and are free from scab.

Six to ten bushels will plant an acre.

THE IRISH COBBLER—Gardeners both large and small are enthusiastic in their praise of this excellent variety. This handsome white potato is extremely early, maturing fully ten days earlier than Early Rose. The tubers are smooth, round and plump, with creamy white skin evenly and slightly netted, an indication of distinctive quality. The eyes are strong, well developed, and but slightly indented.

Price—Pk., \$1.00; bu., about \$3.75; 10 peck bag, \$8.00.

TRIUMPH or RED BLISS (Maine Grown)—An extremely hardy red skinned variety, nearly round, eyes deeply indented, white flesh. Produces large fine potatoes of good quality.

Price—Pkt., \$1.00; bu., about \$3.60; 10 peck bag, \$7.50.

EARLY ROSE—An old time favorite, extra early in maturing, productive, and of excellent quality. Next to the Irish Cobbler, we sell more Early Rose, since it is a most satisfactory all-around early variety. Maine grown stock of this variety is especially productive and of fine quality.

Price—Pk., \$1.00; bu., about \$3.75; 10 peck bag, \$8.00.

GREEN MOUNTAIN—A reliable medium late variety which is universally popular. It thrives in all soils and in all sections, producing a heavy yield of

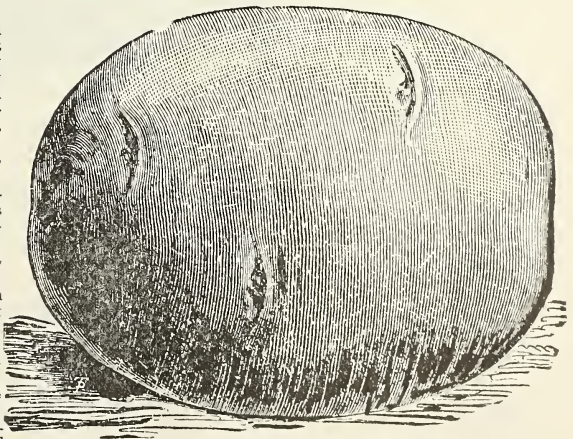
large, smooth, white skinned tubers. There is no variety superior in quality to Green Mountain; it has a delightful dry mealy flavor when cooked. A good variety to store for winter use.

Price—Pk., \$1.00; bu., about \$3.75; 10 peck bag, \$8.00.

PEERLESS—This is one of the most productive varieties on the market. The large tubers are white, round, and of fair quality. This also is a good keeper.

Price—Pk., \$1.00; bu., about \$3.75; 10 peck bag, \$7.75.

Plant first crop of Early Rose the last week in February. Irish Cobblers and Green Mountain can be planted as late as August with excellent results.



IRISH COBBLER POTATOES

PUMPKINS

One ounce will plant 25 hills; 2 to 3 lbs. to the acre.

Pumpkins are rapidly growing in favor throughout the South. The larger and coarser sorts make excellent stock food, while the majority of the sorts make excellent pies and are also used in a number of other ways.

Pumpkins may be planted most any time during spring and early autumn in hills 10 to 12 feet apart among corn rows, or in the open. They produce the

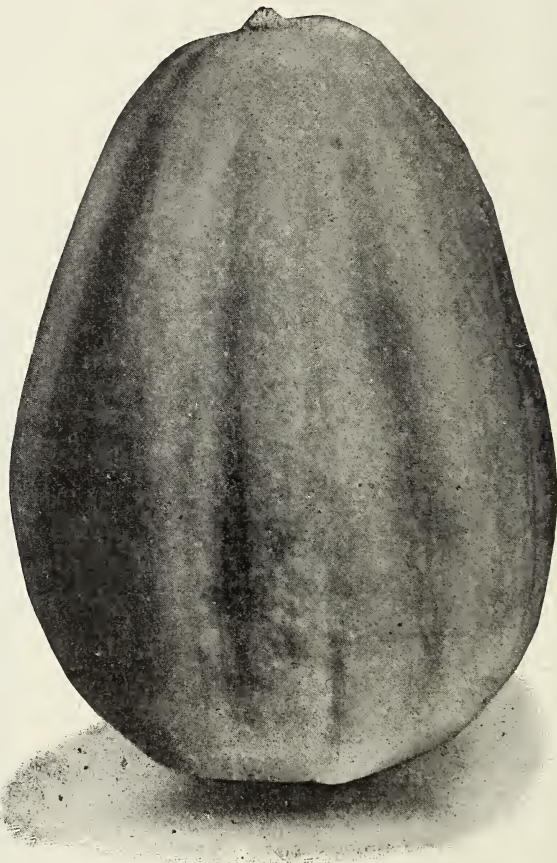
kin in the world, and has been known to reach 250 pounds in weight. It is of grayish yellow color, and is only grown for stock feeding or as a curiosity.

Price—Pkt., 10c; oz., 20c; $\frac{1}{2}$ lb., 50c; lb., \$1.75.

GREEN STRIPED CUSHAW—This is one of the finest pumpkins in existence, a long, crooked neck, terminating in a round or oblong end, enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivaling the finest sweet potatoes for baking, or as a pie sort it has no equal. A splendid keeper.

Price—Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 35c; lb., \$1.35.

GOLDEN YELLOW OR YELLOW CUSHAW—Similar in every way almost to the Green Striped Cushaw,



CANDY ROASTER PUMPKIN

(From a Photograph of One Weighing 55 Lbs.)

best crops in deep loam, but are not particular about the soil, if the same has been well fertilized. Potash in some form is essential to their fullest development.

CANDY ROASTER—(See Cut). This variety, as well as we know, is being grown exclusively in Western North Carolina. It is a hybrid between the Pumpkin and Winter Squash. The meat has a sweeter flavor than either. When first stewed, then put in a pan, with spice and sugar on it and baking or roasting, has the flavor of "candied" sweet potatoes. It is also often cut up in small pieces and put in the stove and baked or roasted. After sprinkling sugar over it the rind has a brownish-gray color, sometimes mixed with the orange yellow. Seeds are large, with a polish, and hard.

Seed Limited. Price—Pkt., 10c; oz., 25c; $\frac{1}{2}$ lb., 85c.

KING OF MAMMOTH—This is the largest pump-

kin except in color, being a dark golden yellow. Very sweet.

Price—Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 30c; lb., \$1.00.

LARGE CHEESE PUMPKIN—This is one of the best late varieties. The skin is of a bright orange, and the flesh yellow and sweet. It is also a good keeper, and very fine for wintering stock.

Price—Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 30c; lb., \$1.00.

KENTUCKY FIELD—A very popular Southern sort; large and flattened. A wonderful keeper; a good stock variety; also a valuable eating and pie sort.

Price—Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 30c; lb., \$1.00.

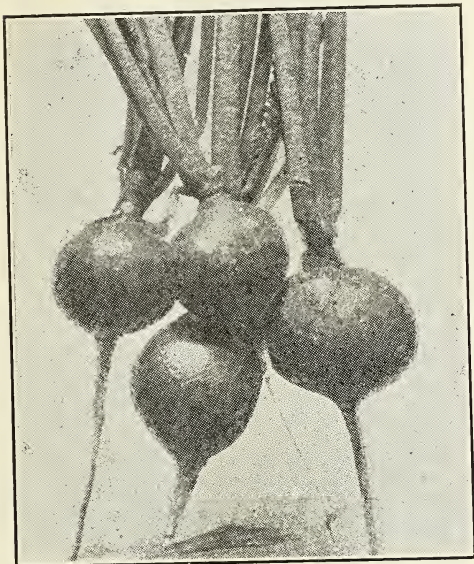
SUGAR OR PIE—It is deeply ribbed. The outer color of the skin is dark green—almost black. The flesh is one of the best keepers, and is highly prized as a pie pumpkin.

Price—Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 30c; lb., \$1.00.

RADISH

One ounce sows 100 feet of drill; 9 to 10 lbs. to an acre.

Culture—For an early supply sow in a hot-bed in February, care being taken to give abundant ventilation to prevent running to leaves. For open-air culture and succession, sow from middle of March until September at intervals of ten days. Radish do best in a rich loamy soil and must be cultivated often and thoroughly, as it is very important to mature the crop quickly, to retain their crisp, tender quality.



RAPID RED RADISH

GLOBE AND TURNIP-SHAPED VARIETIES

RAPID RED—The quickest growing round red radish! Some of our customers report the remarkable fact that they grew some of these radish large enough to eat in twelve to fifteen days, while the average time of maturing is from eighteen to twenty days from planting. The radishes are perfectly round; three-quarters of an inch in diameter, with thin bright red skin, firm white flesh, crisp and mildly pungent; leaves short and small.

Price—Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

SCARLET TURNIP, WHITE TIPPED—A beautiful variety, deep scarlet, white tipped. Recommended to gardeners as an excellent early also a splendid variety to sow late in the summer for fall use. It is very attractive looking and always a good seller on the market.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

EARLY SCARLET TURNIP—An old, well-known variety; bright scarlet, solid white flesh, excellent eating.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

MIXED ROUND RADISHES—Just the thing for the home gardener. All varieties of Round or Turnip Radishes mixed.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

ROSY GEM—This radish is not only very showy, but of the finest quality, and is sure to become popular, not only with the home gardener, but with the market gardener as well. It is of the same type as the Scarlet Turnip White Tip, but larger and showing more white, practically the whole lower portion being white and the upper part deep scarlet.

Price—Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

CRIMSON GIANT—This new variety, introduced some time ago, differs radically from all other existing sorts. Its roots attain more than double the size of those of other globe varieties, without becoming pithy or hollow. The new Giant develops 6 or 7 inches around, weighing over an ounce, their pure white flesh remaining firm, crisp and of mildest flavor. The roots are almost perfect globes, of a deep crimson color.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

EARLY SCARLET GLOBE—This variety is one of the finest for forcing and market gardening purposes. Shape roundish oval; large, brilliant red; flesh white, solid, crisp and very mild; tops small.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

ROUND BLACK SPANISH WINTER—This is a large, black-skinned Radish. Flesh white and firm.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY WHITE SUMMER TURNIP—A medium-sized, round variety, grown very largely for summer use. Has a small top and pure white skin. The flesh is waxy, mild and crisp.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

HALF LONG AND LONG VARIETIES

FRENCH BREAKFAST—A medium size radish, half long stump rooted, small top, quick growth and tender. Excellent variety for the table.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

HALF LONG DEEP SCARLET—The roots of this desirable variety are of a deep, rich red color and are olive-shaped or half-long with a somewhat tapering point. The tops are comparatively small. The flesh is very white, crisp and tender, and does not become pithy as soon as other early sorts. The roots when mature, are about 2 $\frac{1}{2}$ to 3 inches long.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

WHITE STRASBURG—Also called St. Louis White Summer. A fine summer radish, remaining for a long time in an edible condition; grows quickly and withstands severe heat without injury. The roots are smooth, handsome, oblong, tapering shape, pure white skin and flesh which is firm, brittle and tender, and retains its crispness even when the roots are large.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

MIXED LONG RADISHES—All varieties of Long Radishes mixed.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY LONG SCARLET SHORT TOP—The standard long variety. Early and of excellent quality.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

LONG WHITE ICICLE, OR LADY FINGER—Also called White Vienna. A beautiful transparent white variety, about 3 inches long, and $\frac{1}{2}$ inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing. The best white radish.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

GLASS, OR CINCINNATI MARKET—It is very early and is splendid for forcing or open ground. Tops small; they grow straight and smooth from 4 to 7 inches long. Skin is scarlet colored, very thin, and flesh crisp, brittle and of delightful flavor.

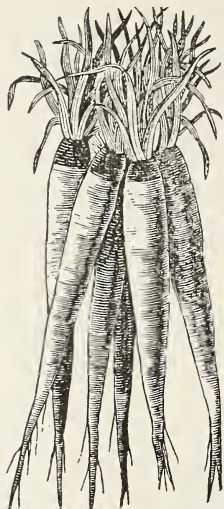
Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; lb., 90c.

CHINESE ROSE WINTER—(Scarlet Chinese). One of the very best for fall and winter use, and popular with market gardeners. Bright rose color; flesh white and firm, of superior quality.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.

LONG BLACK SPANISH WINTER—Like Round Black Spanish in Winter, but the roots are longer and perhaps slightly milder in flavor.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c.



MAMMOTH SANDWICH
ISLAND SALSIFY

SALSIFY OR OYSTER PLANT

One ounce sows fifty foot row; three to four pounds to acre.

Culture—This plant succeeds best in a light, well enriched soil, which, previous to sowing, has been stirred to a depth of 12 to 14 inches. Make drills about 3 inches deep and from 18 to 24 inches apart; sow seed in drill about 1 to 2 inches. When plants are 3 inches high, thin to 3 inches apart.

MAMMOTH SALSIFY—(See Cut)—This is a great improvement in the salsify plant. The roots are much larger, less stringy and more delicately flavored. The most popular market sort.

Price—Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

MASTER'S RAPID PLANT SETTER

For setting out all kinds of plants, such as Cabbage, Tomatoes, Tobacco, Sweet Potatoes, Onion Slips, Celery, etc., this Setter is simply perfection itself. Any gardener or farm hand can easily set out 12,000 plants in 10 hours, and after you have become used to it, you will find no difficulty in setting out 15,000 plants per day, and there will be no re-setting plants, as it does absolutely sure work. Should dry weather set in at planting time, this Planter will give each plant a half teacup of water at the root at the moment it is put into the ground, and the Setter automatically throws into the hole on top of the roots and water plenty of earth, so that the plant becomes set, watered and covered at one operation.

Price—\$5.00 each.



NORFOLK SAVOY OR BLOOMSDALE SPINACH

SPINACH

One ounce sows about one hundred feet of drill; ten to fifteen pounds to acre in drills.

Culture—For early summer use sow in very rich soil in spring, in drills 1 inch deep, $1\frac{1}{2}$ to 2 feet between the rows.

NORFOLK SAVOY OR BLOOMSDALE—This is by far the most popular variety with the gardener. It is the earliest and hardiest sort. Its beautiful crimped leaves are dark, crisp and tender. For fall planting it is the best.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

VICTORIA—Remarkably fine texture and of the deepest green color, heavily crimped, thick, fleshy leaves, deep red stem.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BROAD LEAVED FLANDERS SPINACH—A compact, broad-leaved sort; leaves are round, very thick, and of the very best quality. Not so early as Bloomsdale Savoy, but a desirable sort for main crop.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

LONG STANDING SPINACH—A thick-leaved sort that remains in condition longer than any other sort. Rarely runs to seed. Leaves smooth, dark green. A good sort for spring planting.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

NEW ZEALAND—Thrives during the hottest summer weather and in any soil, rich or poor. After cutting, the plant puts out new growth and continues till frost. Soak for twenty-four hours and plant four seeds in hills two feet apart each way.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

All prices subject to change.

ASHEVILLE SEED CO.,
ASHEVILLE, N. C.

GENTLEMEN:—

I HAVE BEEN PLANTING YOUR GARDEN AND FIELD SEEDS FOR THREE YEARS ON MY TRUCK FARM. LAST YEAR DURING THE DROUTH YOUR BLOOMSDALE SPINACH PROVED OF UNUSUAL VITALITY. I THOUGHT MY CROP WAS LOST, BUT A LITTLE RAIN BROUGHT BEAUTIFUL STAND. ALL OTHER GARDEN SEEDS WERE TRUE TO TYPE AND OF FIRST CLASS VITALITY.

YOURS SINCERELY,

J. A. WRAY.

ASHEVILLE, N. C., R. F. D. NO. 1,

NOV. 4, 1919



MAMMOTH WHITE BUSH SCALLOP AND GIANT SUMMER CROOKNECK

SQUASH

One ounce plants 25 hills; 3 to 4 pounds to an acre. Culture—Plant in hills after danger of frost is past in a warm, well-pulverized, rich soil. Hills for bush varieties 4 feet apart, running sorts 8 feet apart.

EARLY SUMMER VARIETIES

MAMMOTH WHITE BUSH—The fruit is a beautiful clear wax white, instead of a yellowish white, so often seen in the old stock, and is much larger.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

EXTRA EARLY WHITE BUSH OR PATTY PAN—Of a light green color. Early, very prolific, a nice size; very popular for shipping, for nearby markets and home use.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

EARLIEST PROLIFIC BUSH SQUASH—Ten days earlier than the White Bush, is of same bush growth, and fruit shapes about same, except that scallops are not so pronounced, being better filled out and contain more flesh.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

GIANT SUMMER CROOKNECK—It's the best summer squash, and is as large as the ordinary Summer Crook Neck, far more warty and several days earlier. This combination of earliness, large size and wartiness, which adds so much to its attractiveness, makes it altogether the most desirable squash for the market and private garden. Color, a rich golden yellow.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.60.

WINTER VARIETIES

CHICAGO WARTED HUBBARD—This seems to be, by all odds, the best strain of Hubbard Squash we have ever known. Some of its good points are large size, dark green, almost black color, all looking alike, and withal distinguished by a dense covering of knots ("warts"); thick fleshed, of first-class quality; a good keeper.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

FORDHOOK—This squash can be either used as a summer or winter variety. Color bright yellow, meat thick and good quality.

Price—Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.10.

DELICIOUS—Very similar to the Hubbard, but of much superior flavor and a more reliable cropper. We can recommend this variety to make the most desirable fall and winter squashes.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

BOSTON MARROW—Early fall sort; rich orange color, excellent flavor.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

MAMMOTH CHILI—Favorite variety for exhibition purposes. Attains an immense size. Excellent for stock. Can also be used for the table, as the flesh is fine-grained and of good flavor.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

TOMATOES

One ounce of seed will produce about 2,000 plants.

Culture—For early use, sow in February or March, in a hot-bed or in boxes, which should be placed near a window. When the seedling are about 2 inches high, transplant in 2- or 3-inch pots, or in rows 4 to 5 inches apart, keeping the temperature at about 60 degrees. Subsequent transplanting will make the plants stocky and strong. Do not set them in the open ground until all danger from frost is past. Then plant into a warm, sunny location, 3 feet apart each way, and water freely until they are well established.

No vegetable occupies the prominence and infinite care, selection, etc., in the seedman's time and business as the tomato. The strains and selections of the country in which the seed crops are grown have so much to do with the general quality of the crop that the growing of tomato seed must be done with the greatest care. With this in view, we spare no expense in having our seed produced under the supervision and care of experts in this line. You cannot buy a better seed at any price.

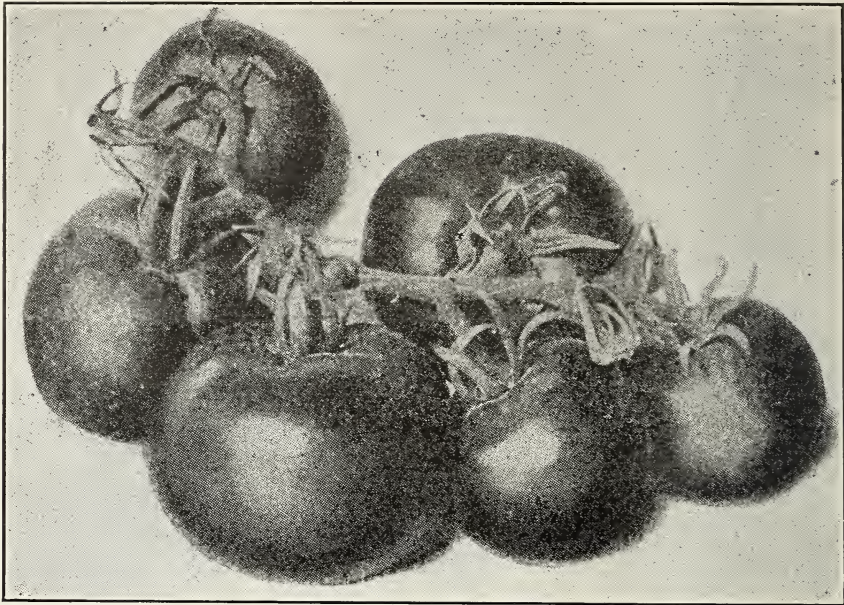
RED ROCK—(Bright red). A wonderful main crop variety, producing large, solid, bright red tomatoes, free from an excess of water, as smooth as an apple, of superior texture and flavor, an enormous cropper and an excellent shipper. The vine is a vigorous grower which protects the fruit from sunscald. Very good for home or market use, and for canning it is unexcelled.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

CHALK'S EARLY JEWEL—Unsurpassed for the home garden. The plants are of strong, robust growth, with ample foliage to protect the fruits from sun, and not liable to blight. The bright scarlet fruits are smoothly round, very deep, and solidly meaty. It is a heavy cropper, with tomatoes of large size and sweet flavor.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

SPARK'S EARLIANA—Very early fruit; borne in



EXTRA EARLY PROLIFIC TOMATO

clusters. A particularly profitable tomato for market gardeners. Vine small but vigorous and productive. Fruits deep scarlet, large, nearly round and exceptionally smooth for so early a variety. The fruit is borne in clusters near the base of the plant and the bulk of the crop ripens very early. Valuable for early market; medium size, color a glossy red with purplish tinge.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

EXTRA EARLY PROLIFIC TOMATO—This variety has proven to be earliest and heaviest yielding variety now on the market. Its beautiful large fruit of a brick red are borne in clusters. We have seen as many as seventeen tomatoes to a cluster. The vine begins to bloom and put on fruit when ten to twelve inches high, is a strong, vigorous grower. Where they are pruned and tied up to a stake, they of course will not bear as many tomatoes, but will ripen earlier, producing larger and better fruit. The fruit has thick, tough skin, few seeds and is one of the best shippers.

Price—Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.75; lb., \$4.50.

JUNE PINK—Extra early; good shipper. An extra early, purplish-pink tomato, similar to the popular scarlet fruited Earliana in growth of vine, shape and size of fruit and time of maturing. This is a variety of exceptional value to market gardeners.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

STONE—One of the most valuable all-round sorts on our entire list. The fruit is large, of dark brick red color, fleshy and is not subject to rot like some varieties; nor does it ever have a green core. We can especially recommend it for a late crop, and very desirable for canning.

Price—Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 80c; lb., \$3.00.

BRIMMER—Pkt., 15c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c; 1 oz., \$1.00.

BONNIE BEST—An elegant sort for home market or shipping on account of its even size, and fine keeping qualities. Large smooth fruit of a rich scarlet red, which is the color demanded by many markets. Fruit smooth, uniform, thick with small core, an excellent tomato for any purpose. Slices exceptionally well. Fruit borne in clusters of 5 or 6, all ripening evenly together.

Price—Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

LIVINGSTON'S BEAUTY—The best all-round tomato; exceedingly early, large, smooth and remarkably prolific. Is grown more largely by truckers and market gardeners than any other sort. The variety is

of glossy, crimson color, with slight tinge of purple; skin tough; good keeper and shipper.

Price—Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 95c; lb., \$3.50.

GOLDEN QUEEN OR YELLOW TROPHY—A bright orange yellow sort; makes large, handsome smooth tomatoes of fine quality; medium late.

Price—Pkt., 5c; oz., 25c $\frac{1}{4}$ lb., 75c; lb., \$2.50.

YELLOW PEAR SHAPED—A small Italian variety, producing its fruit in great clusters, shaped like a pear. Desirable for pickling and preserves.

Price—Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

DWARF CHAMPION OR TREE—Second early; medium size; upright grower. A second early, purple-pink variety, especially desirable where garden space is limited. Vine about two feet high, vigorous, upright, and compact growing. Fruits medium sized, exceptionally smooth and of very good quality.

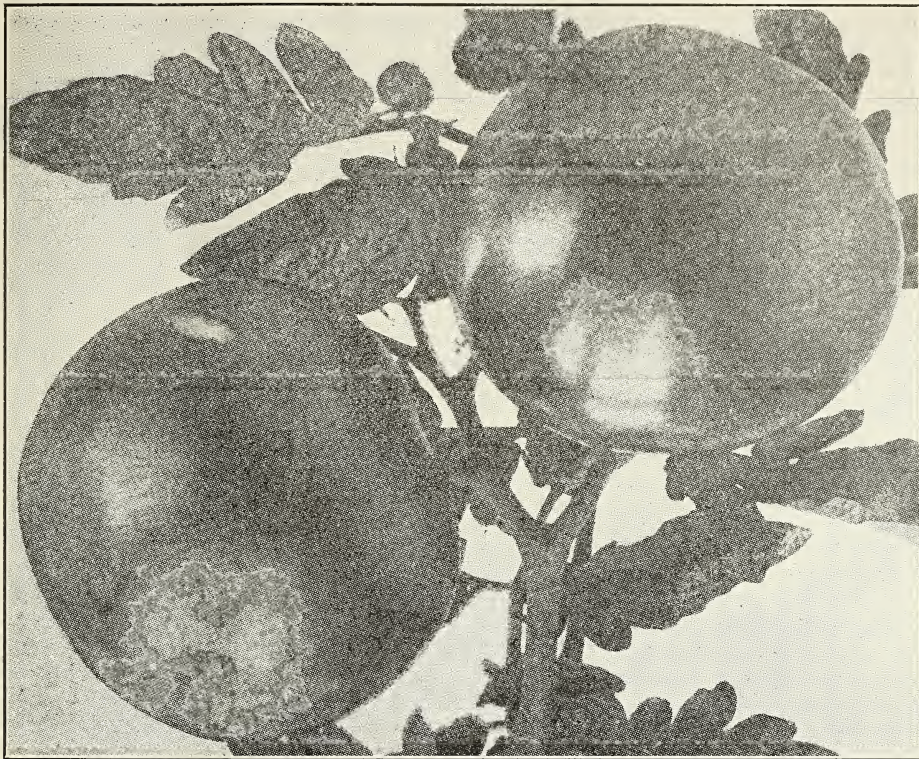
Price—Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.10; bu., \$4.00.

PONDEROSA

Unquestionably one of the largest tomatoes grown. The vines are vigorous, producing a very large stalk and an unusually thick stem, which is accounted for in the great size and weight of the fruit. It is one of the best flavored sorts grown, almost solid, and con-



STONE TOMATO



BONNIE BEST TOMATO

tains scarcely any seed. The fruit, when ripe, is cardinal red, and on account of its compact structure will keep longer than any other sort.

Price—Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.30; lb., \$4.75.

EARLY ACME—Early and prolific. The fruits are of good size, almost round, and of a beautiful purplish pink color. This sort is always smooth, ripening all over at the same time, juicy and excellent in flavor. A popular one with truckers and market gardeners.

Price—Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

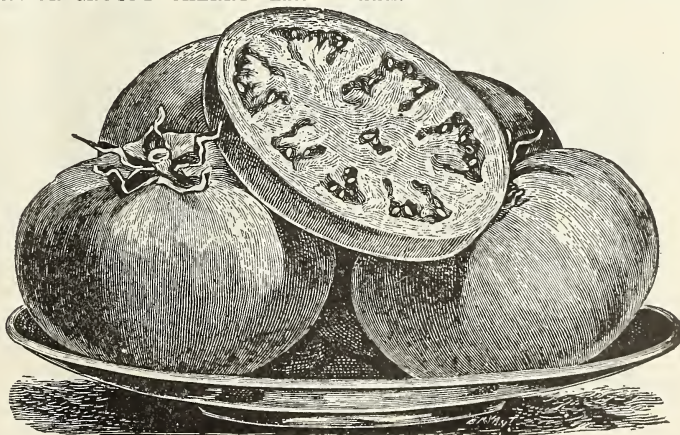
YELLOW HUSK OR GROUND CHERRY—Exten-

sively used for preserves. The fruit has a pleasant strawberry-like flavor, and is much relished raw, but generally used for preserves, for which it is excellent. The small yellow fruits are enclosed in a husk or covering, and when ripe are half an inch in diameter.

Price—Pkt., 5c; oz., 35c.

TOMATO PLANTS—Can supply the standard varieties of Tomato Plants from April 1st to June 15th.

TRANSPLANTED PLANTS—30c per doz.; \$1.35 per 100, postpaid. By express, not prepaid, 25c per doz.; \$1.25 per 100. Write for prices in larger quantities.



PONDEROSA TOMATO

SELECT TURNIPS AND RUTABAGAS

One ounce for 50 ft. row. Two pounds per acre in rows.

Culture—Most varieties can be planted in April or May when wanted for early summer use, though for main crop, seed should not be sown until July or August. Plant in rows 12 to 15 inches apart, covering $\frac{1}{2}$ inch deep. When well started, thin out to about 4 of the best plants to a foot of row. Cultivate thoroughly and often. Successive plantings may be made to have fresh turnips throughout the summer.

PURPLE TOP WHITE GLOBE

Of a perfect globe shape about 6 inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and is fine for the market.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

EARLY WHITE EGG—A very excellent quality. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

LARGE WHITE GLOBE—Very productive; in good soil roots frequently grow from 10 to 12 pounds. Good for table or stock-feeding.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

AMBER GLOBE—The flesh is beautiful yellow, very fine grained and very sweet. It will grow to very large size in the South; is one of the very best keepers for winter use.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

LARGE YELLOW GLOBE—This is somewhat the same variety as the Amber Globe, differing a little in shape.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

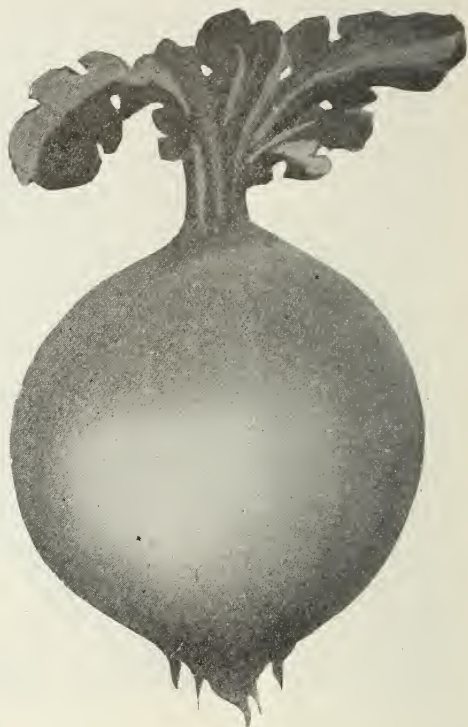
PURPLE TOP YELLOW ABERDEEN—The sweetest of all yellow-fleshed turnips. This famous foreign variety, resembling in shape a finely formed rutabaga, is splendid for stock feeding as well as table use.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

RED OR PURPLE TOP STRAP LEAVED

Early; heavy cropper; good keeper. Fine grained and never stringy or tough; leaves are few and upright in growth. Roots flat, medium size, white below ground and purple or dark red above. Flesh white. Roots are in best condition for the table when $2\frac{1}{2}$ to 3 inches in diameter. When grown much larger they should be fed to stock.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

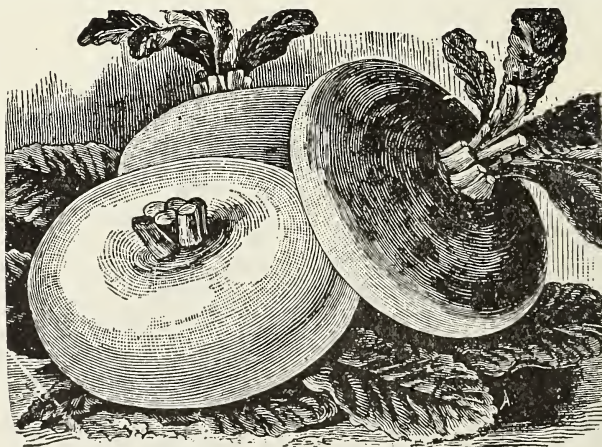


PURPLE TOP WHITE GLOBE TURNIP

LONG AND WHITE COW HORN—This is a very fine winter variety, penetrating deep into the ground and standing the entire winter. Its growth in shape is similar to a cow's horn.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c.

EARLY FLAT DUTCH STRAP-LEAVED—Matures only a week after the earliest Milan, but keeps much



WHITE FLAT DUTCH AND RED OR PURPLE
FLAT TURNIPS

longer in fine condition. The skin is pure white, the flesh is mild, juicy, and of best table qualities.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

EXTRA EARLY PURPLE-TOP MILAN—A white variety, purple top and strap leaf. This, with the White Milan, is the earliest of all Turnips. Remains in good condition a long time.

Price—Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

EXTRA EARLY WHITE MILAN—The earliest Turnip. Tops very small, distinctly strap-leaved and growing very erect and compact. Bulbs form earliest of any sort. The clean white roots are smooth, flat, cylindrical and handsome in appearance. The flesh is white, tender and sweet.

Price—Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

SEVEN TOP—Does not produce a good root, but is extensively grown in the South for the tops, which are used as greens. Very hardy and will grow all winter.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

DIXIE LAND OR SOUTHERN PRIZE—The finest winter turnip grown; identical with the Seven Top, except it makes a very fine, large white turnip.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

RUTABAGAS

Rutabagas, Swedish or Russian Turnips, are extensively grown for a farm crop. The roots are close-grained, hard, and will endure a considerable degree of cold without injury if preserved in a pit or cellar during the winter. Rutabagas are superior to any other vegetable root grown for cattle, horses and sheep. The animals thrive and fatten on rutabagas, carrots, and mangels fed in combination with hay.

IMPROVED PURPLE TOP YELLOW—This is the standard all-purpose sort; very hardy, producing well-formed, solid sweet flavored roots. Leaves quite small; very small neck.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

WHITE SWEDE OR RUSSIAN—A large, white shaped Rutabaga. Flesh fine quality, sweet and tender. Excellent for the table. Can be grown to a large size if wanted for stock feed.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 90c.

OKRA OR GUMBO

Cultivated for its green seed-pods, which are used in soups or stewed and served like asparagus. Highly esteemed in the South for making gumbo soup. Can be cured like dried apples and then used for soup at any time.

Culture—When the soil has become warm, sow thickly in rows 3 feet apart, and when large enough, thin out to a foot apart in the rows.

One ounce will sow 30 feet row.



KLECKLEY'S FAVORITE—A most productive variety. Produces thick fleshy pods of exceptional tenderness and flavor. Has become very popular.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

WHITE VELVET OKRA—This is a distinct and beautiful Okra. The pods are much longer than any

other variety, perfectly smooth, and covered with a fibre resembling velvet.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

PERKINS MAMMOTH LONG POD—An early, and very prolific, long green-podded variety; height 4 to 4 $\frac{1}{2}$ feet, and quality of the best.

Price—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

VEGETABLE PLANTS AND ROOTS

ASPARAGUS ROOTS (See page — for description and prices).

CABBAGE PLANTS (See page — for description) —100, 35c; 1,000, \$2.25.

CAULIFLOWER PLANTS—Ready in March and April. Doz., 15c; 100, \$1.25.

CELERY PLANTS—Ready from June to September (all leading sorts). 100, \$1.25; 1,000, \$7.50.

EGG PLANTS—Ready in May. Best pod-grown plants, 50c per doz.; transplanted from flats, 30c per doz.

PEPPER PLANTS—Ready in April and May. Large pot-grown plants, 50c per doz.; transplanted from flats, 30c per doz. (See page —).

SWEET POTATO PLANTS—(In season, all the leading varieties)—Per 100, 40c; 1,000, \$3.00. Write for prices in large quantities.

RHUBARB ROOTS, MAMMOTH—Doz., \$1.25.

TOMATO PLANTS—We make a specialty of these large pot-grown plants. Doz., 50c. Transplanted, per 100, \$1.25.

TARRED FELT DISKS for Tomato Plants, keep cut worms off. 1 doz @ 10c; 100, 50c.

BAMBOO CANE STAKES

6 feet	-----	4c each
6/9 feet	-----	5c each
9/12 feet	-----	10c each

PLANT STAKES AND LABELS

4 $\frac{1}{2}$, 5, 8, 10, 12 inches, for shrubs and young trees, 3 $\frac{1}{2}$ inches wired.

GOURDS

TENDER ANNUAL CLIMBERS—Plant in hills after the danger of frost is past and cultivate as you would cucumbers or squash, leaving 2 or 3 plants to a hill. They may be trained over lattice work, fences, to poles, etc. The dried shells of these fruits are quite useful for household purposes.

DIPPER GOURD—Makes a light, convenient dipper. When grown on the ground, the stems will be curved, while if raised as a climbing vine the weight of the blossom end will cause the blossom end to grow straight.

Price—Pkt., 10c; oz., 25c.

SUGAR TROUGH GOURD—Grows very large. The shell, when dried, is thick and hard, extremely light, but very durable. Used for buckets, large dishes and many other household purposes.

Price—Pkt., 10c; oz., 35c.

JAPANESE NEST EGG GOURDS—Grows almost uniformly to the size, color and shape of a hen's egg. The shells are hard and make the very best of nest eggs. They are also useful for stocking darners.

Price—Pkt., 10c; oz., 35c.

DISHCLOTH OR LUFFA—Has a peculiar lining which is sponge-like, porous, tough, elastic and desirable, making a natural dish cloth or sponge.

Price—Pkt., 10c; oz., 35c.

TOBACCO SEED

One ounce will sow a bed of fifty yards.

The seed should be sown as early as possible after danger of frost is over. When the plants are about six inches high, transplant into rows four or five feet apart each way.

Most of the tobacco used is grown in the South. North Carolina and Virginia soils produce tobacco easily and profitably. From a packet to an ounce will supply most anyone. Then why not save money and raise your own tobacco?

WHITE BURLEY—The best filler tobacco known, on account of its absorbing qualities. Has a long,

wide leaf, very porous, makes bright reds; fine for plug fillers and wrappers. Best adapted to limestone soils.

Price—Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.25; lb., \$7.00.

CHOICE HAVANA—An Americanized Havana, used for cigar purposes, although sometimes used as a manufacturing sort. Has a very large, long, fine quality leaf; very early, making two crops a season in

some sections. Best adapted to chocolate or rich gray soils.

SWEET OR LITTLE ORONOKO—Makes the finest fillers and the best natural chewing leaf. Cures a rich red; long and narrow leaf; tough and waxy. Best adapted to rich red and gray soils.

Price—Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.25.

All prices in this Catalogue are subject to change.

HERBS

HERBS—AROMATIC AND MEDICINAL

Most every family grows around the yard or garden one or more herbs of some variety. They are a class of plants deserving of larger cultivation. Some of them are annuals, mature and seed every season and must be planted every year; while others are perennial in character, do not have to be planted every year, but make new growth from the old roots.

ANISE—A hardy annual, largely used as a medicinal herb.

Price—Pkt., 5c; oz., 10c.

BALM—A perennial herb, easily propagated from the root or seed.

Price—Pkt., 5c; oz., 25c.

SWEET BASIL—A hardy annual, easily grown; seed and stems have a pungent flavor like cloves.

Price—Pkt., 5c; oz., 15c.

CARAWAY—The plant is largely cultivated for its aromatic seed, which are used to a great extent in bread and other pastry.

Price—Pkt., 5c; oz., 10c.

BORAGE—A hardy annual; leaves agreeable odor and flavor.

Price—Pkt., 5c; oz., 15c.

CATNIP—A hardy perennial; easily propagated from roots or seed. It is a valuable medicinal plant.

Price—Pkt., 5c; oz., 30c.

CORIANDER—An annual, easily grown from seed. It is cultivated for its aromatic seed.

Price—Pkt., 5c; oz., 10c.

DILL—An annual, largely cultivated for its aromatic seed, which are used for flavoring pickles, etc. Used as a medicine for colic in children.

Price—Pkt., 5c; oz., 15c.

SWEET FENEL—A perennial, grown for its leaves, which are used for flavoring soups, etc.

Price—Pkt., 5c; oz., 10c.



HOREHOUND—A valuable perennial herb, largely used in cough medicine.

Price—Pkt., 5c; oz., 10c.

LAVERDER—A hardy perennial, grown mostly for its perfume.

Price—Pkt., 5c; oz., 10c.

SWEET MARJORAM—A tender perennial, used for its delicate flavor.

Price—Pkt., 5c; oz., 15c.

ROSEMARY—A hardy perennial, grown for its fragrant odor and aromatic, bitter taste.

Price—Pkt., 5c; oz., 35c.

SAGE—A hardy perennial, widely grown from seed. It is grown for flavoring meats, sausages, etc.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

SUMMER SAVOY—An annual grown largely for flavoring soups, etc.

Price—Pkt., 5c; oz., 10c.

TANSY—A hardy perennial, grown for its medicinal uses.

Price—Pkt., 5c; oz., 25c.

THYME—A perennial, grown both for its medicinal virtues and its flavoring qualities.

Price—Pkt., 5c; oz., 25c.

PRICES QUOTED IN THIS CATALOG ARE SUBJECT TO CHANGE

SPECIAL PLANT SERVICE

We have been especially fortunate in obtaining an expert grower of plants, shrubs, etc., to supply our trade with productive plants during the coming season. His long experience in growing vegetables, flowers and shrubs, and the complete facilities we have added to our plant department place us in a position to give Western North Carolina a unique plant service.

At this time we are unable to advertise descriptions and prices, however, we will issue later a special circular on plants—write for it.



SELECTED FLOWER SEED

Our flower seeds are of the best to be obtained and that money can buy. All flower seed are delivered free to any Postoffice in the United States or Canada.

General Cultural Directions For Flower Seeds—Most flower seeds germinate well in a rather light sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all hardy seeds vegetate better when planted in early spring as soon as the soil can be worked fairly and easily and has become warm.

A general rule for the seed-bed is to have the soil rich, level and worked finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp-off" (rot at the top of the ground). As soon as the second leaves are well out, the seedlings should be put into pots or new boxes. When finally transplanted to the bed or border, water frequently until established.

ABRONIA—Sand Verbena. (Umbrella).—A trailing plant which thrives in poor soil. Its fragrant pink flowers are borne in clusters all summer.

Price—Pkt., 5c.

ABUTILON—Flowering Maple. (Mixed)—Shrubby plants, suitable for house, greenhouse, or garden. 4 ft. Drooping, bell-shaped flowers of various colors.

Price—Pkt., 10c.

ACHILLEA—Milfoil or Yarrow. ("The Pearl")—1½ ft. Double white daisy-like flowers in summer and fall.

Price—Pkt., 10c.

ACONITUM—Monk's Hood. (Napelius)—4 ft. Does well in shade. Helmet-shaped, blue flowers.

Price—Pkt., 5c.

ADONIS—Flos Flower. (Æstivalis)—1 ft. Dark green foliage; scarlet flowers in summer.

Price—Pkt., 5c; oz., 10c.

ADLUMIA—Allegheny Vine. (Cirrhusa)—Climber; 15 ft. Feathery foliage; pink flowers in mid-summer. Desirable for covering trellises, tree stumps, etc.

Price—Pkt., 10c.

AGERATUM—Half hardy annual. Grows well and blooms continually until destroyed by frost. Valuable for cut flowers. Tall sorts are effective grown with Alyssum, Candytuft, etc. Dwarf varieties are suitable for edgings.

Imperial Dwarf—Blue, 9 in. Price—Pkt., 5c; ½ oz., 10c.

Fine Mixed—18 in. Price—Pkt., 5c; ¼ oz., 10c.

ALYSSUM—Hardy annual of dwarf habit, blooming until killed by frost. Fine for beds, borders, and

vases. The snow-white flowers are fragrant and lasting. For edging to beds or borders, sow thickly to form masses. Cut flowers freely and others will take their places.

Martinum—(Sweet Alyssum)—1 ft. Price—Pkt., 5c; 1 oz., 25c.

Little Gem—Erect, distinct; 6 in. Price—¼ oz., 25c; pkt., 5c.

AMARANTHUS—Caudatus. (Love-Lies-Bleeding)—3 ft. Brilliant foliage; dark red, drooping spikes. Price—Pkt., 5c; ¼ oz., 10c.

Tri-Color. (Joseph's Coat)—Foliage crimson yellow and bronze. Price—Pkt., 5c; ¼ oz., 10c.

Fine Mixed—Above and others. Price—Pkt., 5c; ¼ oz., 10c.

AMPELOPSIS—Boston Ivy. (Vechti)—Rapid-growing hardy vine. It adheres firmly to stone, brick, or wood. Foliage turns to scarlet in autumn.

Price—Pkt., 5c; ½ oz., 15c.

ONTIRRHINUM—Snapdragon. 1½ to 3 ft. Dark, glossy leaves, and curiously shaped, showy colored flowers with spotted throats. Snapdragons blossom the first year, if seed is sown early. Slightly covered with leaves, they survive our winters. Succeed best in rather light soil.

Tall Sorts—Mixed. Pkt., 5c; ¼ oz., 15c.

Dwarf Sorts—Mixed. Pkt., 5c; ¼ oz., 15c.

ARISTOLOCHIA—Dutchman's Pipe. (Siphia)—Fr. P. A splendid climbing plant to train against a house or trellis. Heart-shaped leaves.

Price—Pkt., 10c.

ASCLEPIAS—Milkweed. A fine, hardy border perennial; 2 ft. In bloom from July to frost.

Tuberosa—Bright orange. Price—Pkt., 10c.

AQUILEGIA—Columbine. 2 to 3 ft. Well-known and favorite plants for the garden border; especially suitable for shady places. Are easily grown, soon form large clumps, and bloom from May until August.

Can. densis—Scarlet and yellow; native. Price—Pkt., 5c.

Chrysantha—Long-spurred, yellow, single. Price—Pkt., 5c.

Cærulea—(Rocky Mountain Columbine). Sepals deep blue, petals white. Price—Pkt., 10c.

Double Mixed—Price—Pkt., 5c; ¼ oz., 15c.

Vulgaris—Single, mixed. Price—Pkt., 5c; ¼ oz., 10c.

ASTERS

It is unnecessary to dwell on the great beauty of these popular favorites, as they are appreciated by everyone. Asters are annuals, and they are sufficiently hardy to endure a little frost without injury.

We recommend sowing seed of a number of varieties,

(SELECT FLOWER SEEDS CONTINUED)

SELECT FLOWER SEEDS—Continued



ASTERS

as by this method of culture the blooming season can be made to extend from June until late in the autumn.

- ASTERS, TALL MIXED**—Pkt., 5c; $\frac{1}{2}$ oz., 25c.
ASTERS, DWARF MIXED—Pkt., 5c; $\frac{1}{2}$ oz., 25c.
GIANT COMET ASTERS, MIXED—Pkt., 10c.
PEONY-FLOWERED ASTERS, MIXED—Pkt., 10c.
SEMPLER BRANCHING ASTERS:
 White—Pkt., 5c; $\frac{1}{2}$ oz., 25c.
 Light Pink—Pkt., 5c; $\frac{1}{2}$ oz., 25c.
 Rose—Pkt., 5c; $\frac{1}{2}$ oz., 25c.
 Lavender—Pkt., 5c; $\frac{1}{2}$ oz., 25c.
 Purple—Pkt., 5c; $\frac{1}{2}$ oz., 25c.

BACHELOR'S BUTTON—See *Centaurea Cyanus*.

BALLOON VINE—10 ft. A rapid-growing annual climber, with white flowers and inflated seed pods which look like small balloons. Succeeds best in warm soil. Sow where to bloom. Pkt., 5c; 1 oz., 30c.

BALSAM APPLE AND PEAR—Ornamental climbers, with pretty foliage and flowers, followed by handsome fruit, which, when ripe, bursts open, exposing the bright-red seeds within.

BALSAMINA—(Balsam Apple)—Pkt., 5c; $\frac{1}{2}$ oz., 25c.

CHARANTIA—(Balsam Pear)—Pkt., 5c; $\frac{1}{2}$ oz., 25c.

BALSAM—Lady Slipper. Balsams love rich soil, and plenty of water. Sow the seed in window boxes or hot-beds early, or in the open air in May, and transplant when two or three inches in height. Stimulate by weekly applications of liquid manure. Camellia-flowered.

DOUBLE BALSAM MIXED—Pkt., 10c; $\frac{1}{2}$ oz., 40c.

RUNNER BEAN—Butterfly Bean. Will grow in any soil. In bloom from July to September. The flowers are distinguished by pure white wings and scarlet standard.

Price—Pkt., 5c; $\frac{1}{2}$ lb., 15c.

SCARLET RUNNER—An exceedingly rapid grower. Its strong vines are always clothed with deep scarlet flowers from early summer until fall.

Price—Pkt., 5c; $\frac{1}{2}$ lb., 15c; $\frac{1}{2}$ oz., 25c.

BELLIS—English Daisy. Perennials which will stand the winter if given the protection of a few leaves or litter; in bloom from early spring until well on in the summer. Easily raised from seed.

Longfellow—Double pink, pkt., 10c.

Snowball—Double white, pkt., 10c.

Double Mixed—All colors, pkt., 5c.

CALENDULA—(Pot Marigold). 2 ft. Calendulas bloom all summer and thrive anywhere, especially in city gardens. The graceful star-shaped flowers exhibit

every shade of yellow from ivory to deep orange. Well adapted for cutting, being borne upon long stems.

MIXED—All the double sorts. Price—Pkt., 5c; $\frac{1}{2}$ oz., 10c.

CALLIOPSIS—Showy, beautiful, free-blooming plants, producing large, bright flowers of rich and charming colors throughout the entire summer.

CALLIOPSIS—Best mixed. Pkt., 5c; $\frac{1}{2}$ oz., 10c.

COREOPSIS—(Lanceolata). Blooms June to autumn. Rich golden yellow; fine for cutting; pkt., 5c.

CANARY BIRD VINE—Grows to a height of 15 feet. Has beautiful foliage and yellow flowers. Pkt., 5c; oz., 30c.

CANDYTUFT

A dwarf annual of easiest culture; free-blooming, showy, and useful for beds, borders and edgings. Sow seeds where plants are to bloom, in rows 6 or 8 inches apart, thinning out to afford plenty of room, as they branch quite freely. Height, 1 foot.

CRIMSON—Rich, dark crimson; pkt., 5c.

WHITE ROCKET—Long white flower spikes; pkt., 5c.

EMPRESS—White, large flower; pkt., 5c.

WHITE TOM THUMB—Grows 6 inches high; pkt., 5c.

ANNUAL SORTS—Pkt., 5c.

SEMPERVIRENS—Survives winter out-of-doors. Its fine flowers are produced early in spring. H. P.; pkt., 10c.

CANNAS

INDIAN SHOT—These very attractive summer bedding plants can be grown readily from seed. The seed is extremely hard and should be soaked in warm water until swollen. Sow singly in small pots of sandy soil and set in a warm place, preferably a hot-bed or sunny window. Set out in June where they are to flower.

CROZY—Dwarf mixed; pkt., 5c.

CANNAS—Mixed; pkt., 5c.

DAHLIA

Well-known fall blooming plants. They grow very readily from seed which, if sown early, will bloom the same year. Almost any soil suits them, a moist one being preferable. H. H. P. 3 to 5 feet.

CACTUS FLOWERED—Double. Pkt., 10c.

DOUBLE, LARGE-FLOWERED—Pkt., 10c.

SINGLE, MIXED—From fine varieties. Pkt., 5c.

DIANTHUS OR GARDEN PINKS

Annuals and perennials, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors, and profusion of bloom. The Chinese and Japanese varieties bloom the first season, the same as hardy annuals; height, 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

DOUBLE CHINA PINK—Finest colors mixed. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

DOUBLE JAPAN PINK—Flowers large, brightest colors mixed. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

SINGLE ANNUAL MIXED—Pkt., 5c; $\frac{1}{2}$ oz., 15c.

DIGITALIS

FOXGLOVE—Handsome, stately plants, with ornamental green leaves and pendulous flowers, white, pink, blue, purple, etc., beautifully spotted. H. P. Height 2 feet. Mixed colors.

Price—Pkt., 5c; $\frac{1}{2}$ oz., 15c.

CASTOR OIL PLANT—(See *Ricinus*).

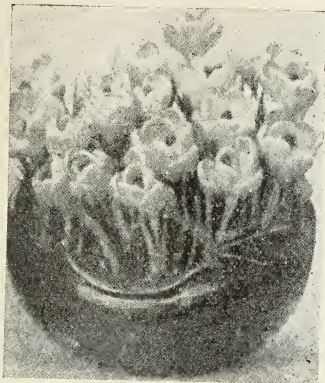
CELOSIA—(See *Coxcomb*).

CARNATIONS

These very popular favorites are valuable for culture in the open ground in summer and for pot culture in

(SELECT FLOWER SEEDS CONTINUED)

SELECT FLOWER SEEDS—Continued



winter. Seeds of the Margaret and Chabaud types sown in the spring, will, by August, produce plants that will be full of bloom until frost takes them; or they may be cut back, potted, and carried over winter in a cool room. The Grenadine and Double Mixed bloom the second season after sowing.

MARGARET—Mixed: pkt., 5c; Scarlet, pkt., 5c.

MARGARET—Pink; pkt., 5c.

MARGARET—White; fine double flowers; pkt., 10c.

GIANT MARGARET—Immense double flowers; pkt., 10c.

FINE DOUBLE MIXED—Many colors; pkt., 10c.

CORNFLOWER

CENTAUREA—The Dusty Miller, sometimes called "Bachelor's Button," and "Ragged Robin." One of the most popular of our garden annuals, blooming continually all summer. All colors mixed.

Price—Pkt., 5c; oz., 25c.

CENTAUREA—The Dusty Miller. The white-leaved, fine for borders, bedding and hanging baskets.

Price—Pkt., 5c; $\frac{1}{2}$ oz., 30c.

CENTAUREA—Moschata (Sweet Sultan). Handsome, fragrant, purple and white flowers.

Price—Pkt., 5c.

CHRYSANTHEMUM—Perennial; all colors, double mixed.

Price—Pkt., 5c; oz., 25c.

CLEMATIS—Japan's Virgin Bower. Climbing vines of rapid growth.

Price—Pkt., 10c.

COBAEA SCANDENS—One of the most rapid growing of the annual climbers. Climbs thirty feet in a season. The flowers are bell-shaped. Plant the seed edgewise and cover lightly.

Price—Pkt., 5c; $\frac{1}{2}$ oz., 20c.

COCKSCOMB CELOSIA—Easily grown annuals, fine for summer flower beds, pot plants and for drying for winter bouquets. Sow in light soil, not too rich. Celosia or Plummed Varieties, mixed colors.

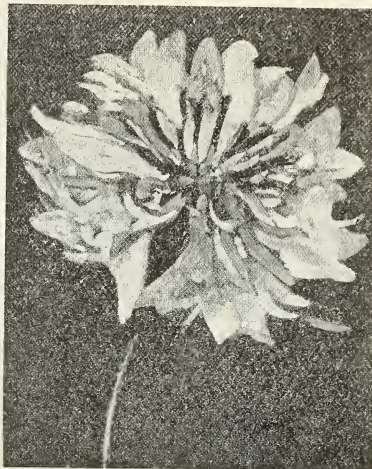
Price—Pkt., 5c; $\frac{1}{2}$ oz., 25c.

COMB VARIETIES, Tall Mixed Colors—Pkt., 5c; oz., 25c.

Dwarf Mixed Colors—Pkt., 5c; $\frac{1}{2}$ oz., 40c.

COSMOS

A hardy annual having strong stems from four to six feet high with delicate, feathery foliage and pretty flowers of shades of rose, red, pink, yellow, and also pure white. One of the most popular fall flowers; excellent for cutting. Cosmos is most effective when planted in broad masses or along background borders



CENTAUEA (CYANUS—CORNFLOWER)

against fences or evergreens. Cosmos may be had in bloom from August until frost.

Topping the plants when 1 foot high will induce early blooms.

EARLY FLOWERING COSMOS—Pkt., 5c; $\frac{1}{2}$ oz., 15c; $\frac{1}{4}$ oz., 25c.

LADY LENOX GIANT COSMOS—Flowers 5 to 6 inches in diameter. Color, a beautiful shell pink.

Price—Pkt., 10c; $\frac{1}{2}$ oz., 25c.

GIANT FLOWERED, SUPERB MIXED COSMOS—Pkt., 10c; $\frac{1}{2}$ oz., 30c.

WILD CUCUMBER VINE—Rapid climbers, growing 30 feet a season. Fragrant, pretty white flowers, followed by ornamental, prickly seed-pods.

Price—Pkt., 5c; oz., 15c.

CYPRESS VINE—A splendid climber, with delicate dark green, feathery foliage and an abundance of bright star-shaped white and scarlet blossoms. Sow thickly after the middle of April. Height 15 feet.

White—Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

Scarlet—Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

Mixed Colors—Pkt., 5c; oz., 20c.

DOLICHOS (Hyacinth Bean)—Rapid climbers, bearing large clusters of purple and white flowers followed by ornamental plants.

Price—Pkt., 5c; oz., 15c.

ESCHOLTZIA (California Poppy)—All colors mixed. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

FEVERFEW—Double pure white flowers. Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c.

FORGET-ME-NOT (Myosotis).

Alpestris. Dark blue; in bloom all summer. Pkt., 5c; $\frac{1}{2}$ oz., 25c.

Mixed Colors—Pkt., 5c; $\frac{1}{2}$ oz., 20c.

GAILLARDIA—Blanket Flower. Mixed colors. Pkt., 5c $\frac{1}{2}$ oz., 25c.

Mixed Colors—Pkt., 5c; $\frac{1}{2}$ oz., 20c.

GAILLARDIA—Blanket Flower. Mixed colors. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

GLOBE AMARANTH—Red clover-shaped flowers. Cut when in bloom and dried, they retain their colors.

Mixed Colors—Pkt., 5c; oz., 25c.

GODETIA—Satin Flower. Mixed colors—Pkt., 5c; $\frac{1}{2}$ oz., 10c.

(SELECT FLOWER SEEDS CONTINUED)

SELECT FLOWER SEEDS—Continued



SELECT MIXED NASTURTIUM

GOURDS—Ornamental. Quick growing vines; excellent for covering arbors, walls and waste places.

Dipper—Always useful. Pkt., 10c.

Dish Cloth—Like a sponge. Pkt., 10c.

Nest Egg—May be used as such. Pkt., 10c.

Sugar Trough—For buckets. Pkt., 10c.

Calabash or Pipe Gourd—Pkt., 10c.

Mixed Gourds—Pkt., 5c; $\frac{1}{2}$ oz., 15c.

GYPSOPHILA—Baby's Breath. Pure white, tiny flowers. Pkt., 5c.

HELIOTROPE—Fine mixed colors. Pkt., 5c; $\frac{1}{2}$ oz., 35c.

HOLLYHOCK—Double. All Colors Mixed. Pkt., 5c; $\frac{1}{2}$ oz., 25c.

KENILWORTH IVY—Tender perennial, of trailing habit, bearing small violet flowers. Fine for boxes, rockeries, and hanging baskets. Pkt., 5c.

KOCHIA, or Burning Bush; Summer Cypress, or Mexican Fierbush—2 to 3 feet. Makes a pyramidal-shaped cypress-like bush with feathery, light green foliage, deepening until it becomes a lovely crimson. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

LARKSPUR—Very popular annual plants of the easiest culture. Beautiful, graceful flowers of many colors are borne of long spikes; fine for cutting; height, 1 foot.

Price—Pkt., 5c; oz., 35c.

MARVEL OF PERU (Four O'Clock)—Blooms first season. Height, 2 feet. Flowers showy, open only in the afternoon.

Price—Pkt., 5c; oz., 20c.

NIGELIA (Love in a Mist, or Devil in a Bush)—Bright, showy flowers, requiring but little care. Height, 1 foot.

Mixed colors, pkt., 5c.

MOONFLOWER (Evening Glory Ipomoea)—Hardy annual, one of the most rapid climbers, grows 50 to 75 feet. Vines robust and covered with large white flowers, opening in the evening, and remaining open until about noon of the next day.

Price—Pkt., 10c; oz., 50c.

LOBELIA—Easy to grow, one of the best plants for rockeries, pots and bedding; a mass of blooms for a long season.

Price—Pkt., 5c; $\frac{1}{2}$ oz., 25c.

MIGNONETTE (Sweet)—Very fragrant. Bears large spikes of flowers.

Price—Pkt., 5c; oz., 15c.

PORTULACA

(Miss Flower)—Will succeed in any sunny location, producing great profusion of flowers of almost every color.

SINGLE MIXED COLORS—Pkt., 5c; $\frac{1}{2}$ oz., 25c.

DOUBLE MIXED COLORS—Pkt., 10c; $\frac{1}{2}$ oz., 40c.

RICINUS (Castor Bean)—These are fine for back-grounds or centre of beds. Tall plants with palm-like leaves.

All the best varieties of colored leaves. Pkt., 5c; oz., 10c; $\frac{1}{2}$ lb., 25c.



MARIGOLD

JAPANESE MORNING GLORIES

These beautifully marked and most daintily tinted flowers are one of the grandest climbers. Grows 30

(SELECT FLOWER SEEDS CONTINUED)

SELECT FLOWER SEEDS—Continued

to 50 feet. Flowers measuring 4 to 6 inches across, foliage very ornamental.

Price—Pkt., 10c; oz., 35c.

FANCY FRINGED—A new imported variety from Japan. Flowers very large, ruffled from stem to margin like crumpled velvet.

Price—Pkt., 10c; oz., 40c.

SINGLE MORNING GLORY—The old original variety. One of the best known and rapid climbers.

Price—Pkt., 5c; oz., 15c $\frac{1}{4}$ lb., 35c.

GIANT PANSIES

Pansy Seed should be sown in well pulverized soil, and covered not more than a quarter of an inch, sowing in February or March, should be made in boxes covered with glass. Transplant to a partial shady place in a rich, moist soil.

GIANT FLOWERED PANSY MIXTURE—This is a mixture of the finest strains of Giant Pansies, seeds coming from the world's famous pansy growers, whose flowers are of the richest colors and largest size. Each flower is a gem of velvet and gold, blotched and mottled of many tints.

Price—Pkt., 10c; 3 pkts., 25c; $\frac{1}{2}$ oz., \$1.00.

CHOICE MIXED PANSIES—A choice mixture of all colors, shades and markings.

Price—Pkt., 5c; 6 pkts. for 25c; $\frac{1}{4}$ oz., 50c.

PETUNIA

The ease of culture, and duration of bloom, will make Petunias always very popular. The large flowers borne profusely.

FRINGED PETUNIAS—This strain is without an equal for its beautifully fringed or ruffled flowers at their edge often measuring 4 to 6 inches across.

Price—Pkt., 25c.

DOUBLE MIXED PETUNIAS—These beautiful marked Petunias produce a large percentage of double flowers of the largest and brightest colored fringed varieties.

Price—Pkt., 25c.

SINGLE MIXED PETUNIAS—A fine mixture of all colors.

Price—Pkt., 5c; $\frac{1}{2}$ oz., 25c.

PHLOX

Few flowers can equal these beautiful annuals in their magnificent display of their many and brilliantly colored flowers.

PHLOX DRUMMONDI—This superb strain is noted for larger flowers and rich colors.

Price—Pkt., 10c; $\frac{1}{2}$ oz., 25c.

STAR AND FRINGED—Very beautiful, and of the most varied colors. These star-shaped varieties are bordered with white. Pkt., 10c.

FINE MIXED—A mixture of all the choicest colors. Pkt., 5c; $\frac{1}{2}$ oz., 25c.

SELECT NASTURTIUMS

We are importers of the choicest strains of both the Dwarf or "Tom Thumb" and Tall or Running varieties of Nasturtiums.

NASTURTIUMS are one of the hardiest and most attractive summer blooming plants; will begin blooming early in the spring and continue until killed by frost. They will bloom best in thin, well-drained soil. No other annual will produce blooms in such profusion; they are unexcelled for their brilliancy and variety of colors.

DWARF NASTURTIUMS

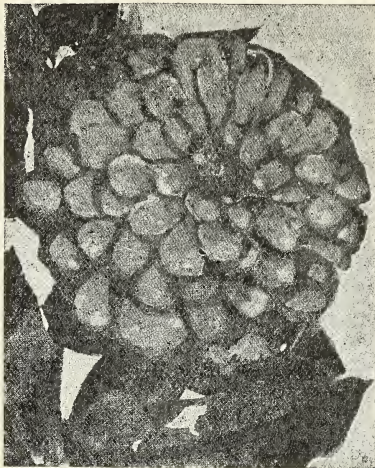
VARIEGATED LEAVES—Very beautiful, even when not in bloom; flowers of many colors, show to great advantage among the variegated foliage.

QUEEN OF TOM THUMBS—Pkt., 10c; oz., 25c.

IVY LEAVED—Both the flowers and leaves are different from all other sorts. The leaves are a rich deep green, veined with silvery white. Flowers are star-shaped rich in colors.

Price—Pkt., 10c; oz., 20c.

DWARF VARIETIES MIXED—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50; (by mail, postpaid, lb., \$1.60),



ZINNIA

ZINNIA

Easily grown, supplying abundantly gorgeous flowers of almost every shade of color during the summer and fall.

DOUBLE FINE MIXED—Pkt., 5c; oz., 75c.

POMPON, MIXED—Pkt., 10c.

TALL OR RUNNING NASTURTIUMS

VARIEGATED LEAVED—Similar to Dwarf varieties, except in habit of growth, being tall.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

IVY LEAVED—Similar to Dwarf varieties, except in habit of growth, being tall.

Price—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50; (by mail postpaid, lb., \$1.60).

TALL VARIETIES MIXED—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50; (by mail, postpaid, lb., \$1.60).

POPPIES

POPPIES—These most beautiful hardy annuals and perennials are of easy and quick growth. Their gorgeous flowers are borne throughout the summer.

ORIENTAL—Perennial; bears huge flowers of the most delicate and dazzling colors and they increase in size and beauty each season.

Price—Pkt., 10c; $\frac{1}{2}$ oz., 25c.

ICELAND—Perennial; blooms continuously from June to October. They resemble crushed satin.

Price—Pkt., 5c; $\frac{1}{2}$ oz., 15c.

SHIRLEY—Annuals. Brilliant and free flowering. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

DOUBLE PEONY FLOWERED ANNUALS—Large flowers resembling Peonies. Mixed colors. Pkt., 5c; oz., 35c.

SINGLE MIXED—Annuals. Contains the best strains of single poppies, mixed colors. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

MARIGOLD—Extremely effective annuals, easily grown and free flowering, bearing early many brilliant flowers, continuing till killed by frost.

Double French Mixed—Pkt., 5c; oz., 75c.

African—Double Mixed. Pkt., 5c; oz., 75c.

WALL FLOWER

A favorite garden flower, producing large spikes of deliciously fragrant blooms of many colors.

DOUBLE—Large and fragrant. Pkt., 10c; $\frac{1}{2}$ oz., 50c.

(SELECT FLOWER SEEDS CONTINUED)

SELECT FLOWER SEEDS—Continued

SWEET PEAS

No flower has ever gained the popularity in so short a time as the Sweet Pea. Its development in the South has been much slower than other sections, but it is now very firmly established, and gaining rapidly from year to year. The great drawback to its advancement in the South has been through an improper knowledge of the habits of the Sweet Pea. It is necessary for success with this flower to carefully observe tried methods of culture.

Culture for Sweet Peas—October to April have been found the best months to plant Sweet Peas in this section. **ONE OUNCE SOWS 25 FEET OF ROW; 1 POUND WILL PLANT ABOUT 400 FEET IN DRILLS.** Would suggest that you have your rows or drills if possible running north and south. Plant in double rows 8 inches apart, $2\frac{1}{2}$ feet between the double rows, poles then could be placed between the double rows and wires run or poultry netting placed; this would give support for two rows on trellis. If poultry netting is used, use 4 to 5 ft. 2-in. mesh.

Dig rows ten inches deep, put in 4 inches of well rotted manure or prepared pulverized sheep manure and top soil well mixed. Plant seed on this and cover with loose black loam 2 inches deep, leaving the rows open and fill in as the peas crack through until you get to the surface of the soil.

During dry weather they should be watered thoroughly and frequently, and given an application of liquid manure once a week. When in bloom flowers should be cut every day and put in water. This will prevent the plants from going to seed, which would stop them from continuing in bloom.

GRANDIFLORA OR STANDARD TYPES—Emily Henderson (pure white), Katherine Tracy (light clear pink), Blanch Ferry (rose pink and white), Blanche Burpee (immense pure white), Dorothy Tennant (light purple and mauve), King Edward VII (fine bright crimson), Duke of Westminster (shades of Rosy Claret), America (striped and variegated), Salopian (rich large scarlet), Captain of the Blues (blue-purplish mauve, wings bright lavender).

All the above varieties—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

GRANDIFLORA MIXED SWEET PEAS—Containing many of the standard varieties mixed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.00.

SUPERB SPENCER SWEET PEAS—Called also the Orchid Flower Sweet Pea. Differing from the above varieties or old types in flowers having waved or fluted standards being larger. The flower stems are longer; also they usually bear four blossoms to a stem, are supplied by us in the following named varieties: Asta Ohn, pinkish lavender. Large handsome flower; pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c. Othello, rich maroon. The best of the dark varieties, one of the largest Spencers; pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00. Countess Spencer. Beautiful soft pink color, makes one of the most attractive and admired by all. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c. White Spencer. Very large, beautifully waved flowers, pure white. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25. Helen Lewis. A beautiful salmon pink, blending into orange. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00. Superb Spencer Mixed Sweet Peas. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

If by mail add to prices for Sweet Peas named 10c per lb. for postage.

SALVIA—Flowering Sage

A hedge or bed of Salvia is a blaze of color during the summer and fall. They are used to good effect for bordering Canna beds, also for hedges along walks or lot dividing lines. Seed should be started either indoors or in a hot-bed; do not sow in open ground until soil has become well warmed.

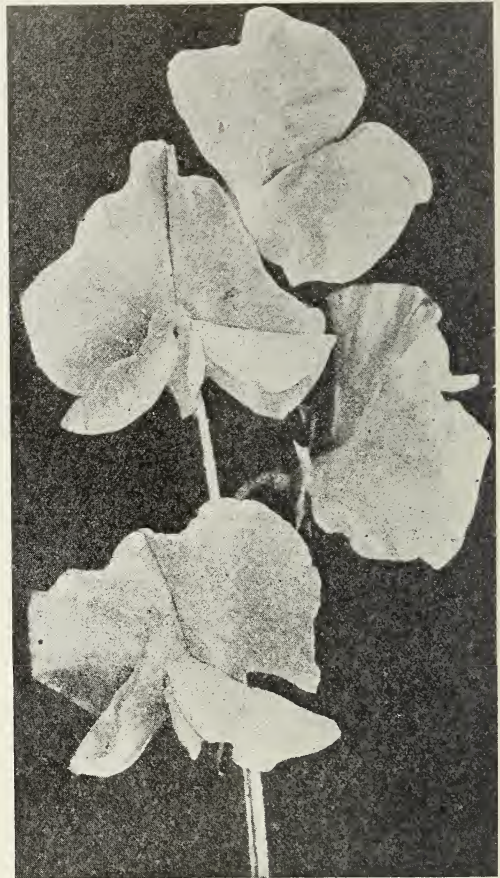
SALVIA SPLENDENS— $2\frac{1}{2}$ ft. The well-known variety, fiery scarlet.

Price—Pkt., 10c; $\frac{1}{4}$ oz., 35c.

STOCKS—Gilliflower

Very useful annuals for borders, bedding and cut flowers. Blooms are very fragrant.

TEN WEEKS—Cut and Come Again—Mixed colors. Price—Pkt., 10c; $\frac{1}{4}$ oz., 25c.



SUPERB SPENCER SWEET PEAS

SUNFLOWER

MINIATURE VARIETIES MIXED—Pkt., 5c; oz., 25c.

DOUBLE CALIFORNIA—Double yellow variety, 3 to 5 feet high. The giant flowered. Pkt., 10c; oz., 20c.

DOUBLE CHRYSANTHEMUM FLOWERED—The grandest of all double Sunflowers. Pkt., 10c; oz., 35c.

MAMMOTH RUSSIAN—The giant flowered sunflower, 5 to 8 feet high. Pkt., 5c; $\frac{1}{4}$ lb., 15c.

NEW RED—Very attractive. Pkt., 15c.

SWEET WILLIAM

SINGLE—Many bright colors mixed. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

DOUBLE—All colors mixed. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

THUNBERGIA—Black Eyed Susan

Useful for window boxes, hanging baskets, vases, etc. Trumpet-shaped flowers in great profusion in summer.

Thunbergia, mixed colors, pkt., 5c.

VERBENA

Popular annual for beds; also for covering mounds.

MIXED VERBENAS—All colors. Pkt., 5c; oz., \$1.50.

SUMMER-FLOWERING BULBS AND ROOTS

There is nothing in floriculture which, to the amateur, will be attended with as great satisfaction or give as grand results, as the cultivation of this class of flowering plants. Set out in early spring, they bloom all summer. No matter if planted solely to beautify the home grounds or cultivated by the small boy as his first step to profitable floriculture, the returns will be equally gratifying. They are of easiest culture, inexpensive, and require scarcely any care. Most of these bulbs should be taken up before severe frost and stored away in a frost-proof cellar, if possible in dry sand, to preserve for replanting the following spring.

DAHLIAS

The principal requirements of the Dahlia are a sunny location, liberally manured soil, plenty of room, and the surface kept light by hoeing or cultivating: when plants are well advanced, feed with pulverized manure. We carry the following double sorts which we offer at 25c each; 3 for 60c; \$1.65 per doz.; if by mail, 30c each, 3 for 70c; \$1.85 per doz., postpaid, unless otherwise noted.

A. D. LIVONIA—Quilled, clear pink (show).

WHITE SWAN—White, very large (show).

QUEEN VICTORIA—Clear yellow (show).

LYNDHURST—Dark red, decorative.

JACK ROSE—A double decorative Dahlia of immense size and rare beauty, rich velvety crimson.

MAID OF KENT—Rich cherry red, tipped with white (double show).

VARIEGATED LISZT—Dark Oriental red, with yellow tips and markings. A superior variety for decorations, especially where a bronzy effect is wanted (double show).

Price—25c each; 3 for 65c; \$2.25 per doz., not prepaid.

MELODY—(Decorative). "A lovely flower without a fault." One of the finest, being of splendid regular form with full high center and reflexed outer petals. Color clear canary yellow, tinting to creamy white at tips; an effect so delicate and pleasing as to suggest the name. Strong roots, 35c each; 3 for \$1.00; \$3.00 per dozen.

BIG CHIEF—Peony flowered; has grand rich crimson flowers, margined with maroon. The plant is very distinctive for its very attractive fern leaf foliage.

Price—By mail, postpaid, 35c each, 3 for \$1.00. By express, not prepaid, each, 25c, 3 for 65c; \$2.25 per doz.

CACTUS DAHLIAS—In five shades.

SINGLE CENTURY DAHLIAS—Rose pink, 20th Century, Cardinal Century, Eekford Century.

These two types at the same price as the varieties priced at top of list.

TUBEROSES

Delightfully fragrant; fine for bouquets. Plant when the ground gets warm or start in pots or in hot beds and set outside in May. Give plenty of water.

EXCELSIOR PEARL—Mammoth Bulb, 12c each; 4 for 40c; dozen, \$1.15 postpaid; by express 5c each; dozen, 35c; 100, \$2.00. Large bulb, 10c each; 4 for 35c; doz., \$1.00 postpaid; by express, doz., 95c; 100 for \$7.00.

SINGLE OR ORANGE FLOWERED—Blooms earlier than the Excelsior Pearl, single flower, orange tinted.

Price—\$1.00 per doz. If by mail \$1.10 per doz.

CALADIUMS

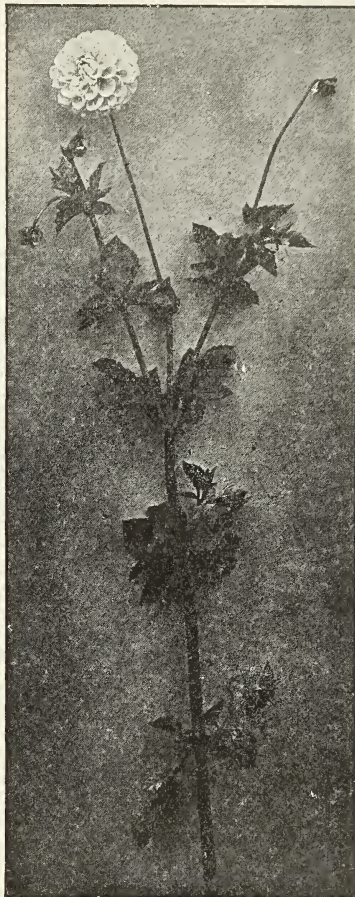
ELEPHANT'S EAR—A very effective plant for beds or groups, especially in lawns. To have the best results they must have an abundance of water and plenty of rich manure. When full grown, they stand 6 to 8 feet high, and bear immense light-green leaves 3 to 4 feet long by 2 to 2½ feet wide.

FIRST SIZE UBLES—Over 12 inches in circumference, 40c each; \$4.00 per doz. Mailing weight 3 lbs. each.

SECOND SIZE BULBS—11 to 13 inches in circumference, 30c each; \$3.10 per doz. Mailing weight 2 lbs. each.

THIRD SIZE BULBS—8 to 11 inches in circumference, 20c each; \$2.10 per doz. Mailing weight 2 pounds each.

FOURTH SIZE BULBS—7 to 9 inches in circumference, 15c each, \$1.90 per doz.



MELODY, DECORATIVE DAHLIA

GLADIOLAS

Attractive and easily grown summer bloomers, giving gorgeous effects in mixed beds, massed in large clumps and when planted in clusters among shrubs. For a succession plant at intervals from April till June. Plant 6 inches apart and 4 inches deep.

GLADIOLAS IN SEPARATE COLORS

	Each	Doz.	Per 100
Scarlet and Red	5c	45c	\$3.00
White and Light	6c	45c	3.00
Pink Shades	6c	45c	2.75
Striped and Variegated	7c	50c	3.50
Yellow and Orange	7c	60c	4.00

MIXED GLADIOLAS—Our mixtures cover a wide range of colors. Extra large, 3 for 10c; 30c per doz.; \$2.00 per 100.

MRS. FRANCES KING—Brilliant flamingo pink blazed with vermilion-red; blooms 4 inches across; 6c each, 45c per dozen.

AMERICA—A grand pink; flower spikes 2 to 3 feet long; last for a week or more in water; 5c each, 45c per dozen.

PRINCESS—Red, white striped. Very attractive. 10c each, 90c per doz.

If to be sent by mail, add 6c per doz. for postage.



CHOICE LAWN GRASS SEED MIXTURES

The ideal soil for a lawn is not available except in a very few instances; however, by using the proper means of fertilization, seed adapted to the peculiar conditions and correct preparation of the soil, a very beautiful green turf can be established even in soils where building operations have destroyed the fertility.

THE PREPARATION OF THE SEED BED—All weeds, roots, and other debris should be removed and the soil stirred thoroughly to the depth of eight or ten inches. Of course large areas can only be plowed and disked; however, small lawns should be spaded and pulverized like garden soil prepared for the reception of small seed.

FERTILIZATION—Grass seed send out long feeding roots, which absorb a large quantity of plant food in making heavy green turf. It is necessary to mix fertilizer to the depth of eight or ten inches to supply this plant food. The class of fertilizer used will have a direct bearing on the finished lawn. To avoid numerous noxious weeds that always come by the use of

fresh manure, we advise fertilizing your lawn with Pulverized Sheep Manure, a natural fertilizer, free from all weed seed. Ground Bone Meal is also valuable as an enricher of lawns and a top dressing. Bone Meal or Sheep Manure or a mixture, half of each, should be applied at the rate of 25 lbs. for 2500 square feet or 800 to 1000 lbs. for an acre. As a top dressing 400 to 500 lbs. for an acre or 5 lbs. to 300 square feet.

SOWING THE SEED—For spring sowing, Lawn Grass Seed should be sown as early as possible, from February to May, or if in the fall, from September to the last of November. Thick seeding gives the best results. It should be sown at the rate of one pound to 300 square feet or 75 to 90 pounds to an acre. The seed should be carefully and evenly sown, lightly raked in, and afterwards, provided the soil is not too wet, rolled or made firm by patting down with the back of a spade. This packing brings the seed in close contact with the soil and prevents drying out; it also gives a quicker and a more even germination.

GROVE PARK EVERGREEN LAWN GRASS

In the South we often have trouble in getting good lawns, because it has been found that no one grass will give satisfactory results at all seasons and on all soils. By careful experiment, we have succeeded in getting a combination of grasses that will produce an evergreen lawn. Each variety of grass in the Grove Park Evergreen Lawn serves a special purpose, some

being selected for their color values, others for their growing habits, and still others for their hardiness; all of these varieties blended together produce the coveted thick turf and velvet appearance.

Price—Postpaid: Lb., 45c; 10 lbs., \$4.00. Express: Lb., 40c; 10 lbs., \$3.80; 50 lbs., \$17.50.

SHADY PARK LAWN GRASS

Few grasses grow well in shaded portions of lawns or groves, hence it is necessary to sow a mixture of grasses which are adapted for growing in the shade.

Our Shady Park Mixture produces an abundant and even growth of beautiful grass in the shade.

Price—Postpaid: Lb., 50c; 10 lbs., \$4.50. Express: Lb., 45c; 10 lbs., \$4.30; 100 lbs., \$40.00.

OUR HIGH QUALITY GRASS SEED

Our High Quality Grass Seeds have been carefully selected as to their purity, type and highest germination. It pays to plant the Best, which you will secure by buying Our Cherokee Brand, which means the Highest Quality.

Prices on Grass Seeds Fluctuate. We will be pleased to quote prices at any time, or will fill all orders entrusted to us at ruling prices at the time order is received. Prices named in this Catalogue are those ruling at the time this Catalogue goes to the printer.

ORCHARD GRASS

ORCHARD GRASS—Will make a valuable grass sown alone or in mixtures for permanent pasture or hay. It is one of our most reliable grasses. While succeeding well on almost all reasonably fertile soils, it is best on loamy and moderately stiff uplands. It is a quick grower, and may be mowed from two to four times a year. No other grass so easily adapts itself to widely different soils and climates, and farmers in all countries hold it in high esteem for both hay and pasture. When sown alone, sow at the rate of 2 bushels to an acre, maturing early, is well adapted to be sown in mixture with Tall Meadow Oat Grass and Red Clover, as suggested in Tall Meadow Oat Grass description. Also if sown with Red Clover alone, use $1\frac{1}{2}$ bushels Orchard Grass with 8 lbs. Red Clover to an acre.

ORCHARD GRASS—CHEROKEE BRAND—(Extra Fancy Seed)—90 per cent. pure, 90 per cent. germination.

Price—Lb., 35c; bushel, about \$4.50. Ask for price in quantity.

TIMOTHY

TIMOTHY is probably unsurpassed by any other grass for its nutritious and salable hay. It is greatly relished by all kinds of stock, especially horses. Being an early grass, it is well adapted to hill and mountain districts, where there is clay or heavy loams, or in lowlands. It will do well on any good stiff, loamy soil provided moisture is abundant. Red Top or Herds Grass and Meadow Fescue mature at the same time as Timothy and do well in a mixture with Timothy,



TIMOTHY

and will increase the yield of hay and pasture. Timothy, when sown alone, should be sown 11 lbs. to an acre. If sown with the above grasses and Sapling



ORCHARD GRASS



RED TOP OR HERDS GRASS

Clover, use 8 lbs. Timothy, 6 lbs. Clover, 6 lbs. Fancy Red Top and $\frac{1}{2}$ bushel Meadow Fescue to an acre.

Timothy—Cherokee Brand—99 per cent. pure.

Price—Lb., 20c; bu., about \$7.00.

KENTUCKY BLUE GRASS—One of the most valuable pasture grasses we have; sown alone or in mixtures with other grasses and clovers. It is one of the richest and most nutritious of all grasses for pasture, and should be largely used in all mixtures of grasses for pasture except on very light or sandy soils. It is largely used on lawns and in mixtures for lawns. When sown alone, sow about 40 lbs. to an acre.

Kentucky Blue Grass—Cherokee Brand—83 per cent. germination; 85 per cent. purity.

Price—Lb., 35c; bushel, about \$4.50.

RED TOP OR HERDS GRASS

A grass particularly adapted to low land or damp situations. It will grow successfully on any soil that will grow other grasses or grain. Will make a valuable pasture crop; is also used in mixtures or other grasses for hay. After once being established, it thickens and improves year by year, taking possession of the land and increasing in yield and quantity each successive year. Red Top is also one of the best Grasses for land that washes, and hillsides.

Red Top—Cherokee Brand—95 per cent. purity.

Price—Lb., 24c; 100 lbs., \$23.00.

SUDAN GRASS—THE IDEAL HAY CROP

THIS NEW REMARKABLE HAY AND FORAGE CROP has created a sensation among the planters wherever shown on account of the universal success attained with it. Its adaptability to various kinds of soils and climates; its wonderful heavy yielding qualities of abundance of good nutritious feed.

SUDAN GRASS AT A GLANCE—From Farmers Bulletin 605 Dept. of Agriculture: "Sudan Grass is related to the cultivated sorghums and is thought by some to be the progenitor of this group. It was obtained from Khartoum, Sudan, in 1909. In appearance it is similar to Johnson Grass, but it is somewhat more erect, taller, and has a broader leaf. It lacks entirely the underground root stocks which make Johnson Grass a pest. Two or three cuttings can be obtained from it under favorable conditions. The yields vary from 1 to 8 tons of cured hay per acre. It promises to fill a long-felt want for a hay grass in the South, and will likely replace millets as a catch crop in the Central and Eastern States."

SOWING THE SEED—The seed should not be sown in this section until the weather becomes warm, about the first of May. Can be sown in drills or broadcast. When in drills about two feet apart, it requires about 10 lbs. of seed to an acre. If broadcast or drilled thickly, 25 to 30 lbs. to an acre is required.

Price—Pkt., 10c; lb., 35c; 10 lb. lots, \$2.00; 100 lb. lots, \$18.00. If by mail, see parcel post rates on first page.

TALL MEADOW OAT GRASS

TALL MEADOW OAT GRASS—A tall growing perennial grass, with flat leaves and long narrow panicles. Valuable for hay and pasture. Starts early in spring and lasts until fall, standing the midsummer heat and drought. Is a heavy yielder of very nutritious hay, which can be cut twice in a season.

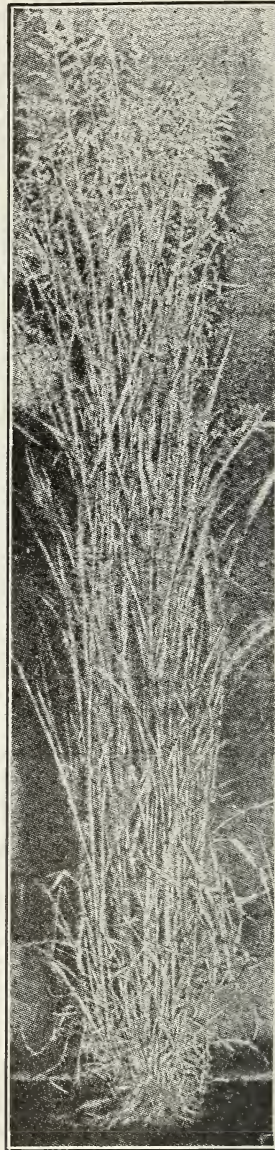
When sown alone, sow three bushels to an acre; or can be sown with Orchard Grass, which matures at same time, together with Red Clover, using 11 lbs. Tall Meadow Grass, one bushel (14 lbs.) Orchard Grass and 6 lbs. Red Clover to an acre.

Price of Our Cherokee Brand—Lb., 36c; b. (11 lbs.), \$3.75.

BERMUDA GRASS

This is the South's most valuable grass for pasture, hay, and also largely used on lawns. Bermuda Grass is very largely used for sowing on hillsides, railway embankments, etc. Stands hot, dry weather remarkably well, making a most valuable summer pasture grass. The seed should be sown broadcast 6 to 8 lbs. to acre from end of March to July. Do not sow too early, as the seed will not germinate in cool weather. Cover seed lightly, not more than half an inch.

Price—Lb., 80c; 10 lb. lots and over, 75c per lb. Write for quantity prices.



SUDAN GRASS

MEADOW FESCUE OR RANDALL GRASS (*Festuca Pratensis*)

(Erroneously called English Blue Grass). Highly valuable for permanent grass. Does not, however, attain its full productive power till the second or third year. Relished by live stock, both in hay and pasture, and is one of the most desirable permanent grasses for general culture; 40 lbs. to the acre (24 lbs. per bu.)

Price—Lb., 55c; in 10 lb. lots, \$4.50; 100 lb. lots, \$45.00.

RHODE ISLAND BENT GRASS

The Rhode Island Bent Grass has creeping roots, and spreads and holds the soil together, although, if

desired, is easily eradicated. It is especially recommended for lawns, pasturage and golf courses.
Price—Lb., 50c; 10 lbs., \$4.50.

PERENNIAL OR ENGLISH RYE GRASS

An early maturing, quick growing grass, making fine grazing and hay. Excellent mixed with other grasses, furnishing valuable permanent pasture and hay. It is also being largely sown in lawns. When sown alone, sow 30 pounds to an acre.

Price of Seed—Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$19.00.

ITALIAN RYE GRASS

This grass resembles English Rye Grass considerably. It is very valuable, vigorous growing grass, suitable for furnishing in very short time a splendid green pasture. Also fine on lawns. It forms a good turf, and stands the dry weather remarkably well. This grass can be sown with success either in the fall of the year or very early spring. On rich land it will grow from 2 to 3 feet high. From 30 to 40 pounds of seed should be used in seeding an acre.

Price of Seed—Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$19.00.

PERMANENT PASTURE GRASS

Sow 20 to 25 lbs. to the acre.

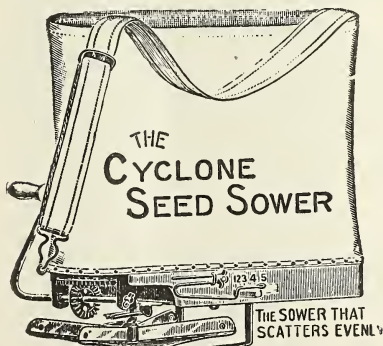
The old method of sowing Timothy and clover has been found not only expensive, but not as satisfactory as a pasture mixture. Our special pasture mixtures are composed of only those varieties best adapted for producing an abundant and nutritious crop of grazing and hay. Our permanent pastures not only produce more hay or grass, but they also have a longer period of usefulness during the season than any of the grasses sown separately or mixed together indiscriminately.

The varieties, which compose our Cherokee Upland and Lowland Pasture Mixtures, have been especially selected and mixed in the proper proportions for use in Western North Carolina; however, we have other formulas carefully prepared for the soil and the climatic conditions of all other parts of the South, awaiting the orders of our customers who will need such mixtures.

Price—Postpaid: Lb., 35c; 10 lbs., \$3.40; 50 lbs., \$15.60. Express: 50 lbs., \$15.00; 100 lbs. and over, \$30.00 per 100.

PACEY'S PERENNIAL RYE GRASS—A selection of quick-growth Perennial Grass, finely adapted for pasturage and lawn purposes.

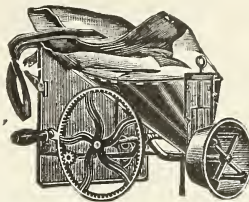
Price—Lb., 15c; 10 lbs. and over at 12c per lb.; 100 lbs. and over at 10c per lb.



CYCLONE SEED SOWER

This sower is guaranteed to distribute seed perfectly and evenly, will not throw seed in an upward direction or against the operator, but direct and evenly to the land; sows clover, timothy, red top or herds grass, oats, millets, sorghum, cane, rye, wheat, buckwheat, turnip and other seeds that are sown broadcast. Time and money can be saved by the use of this sower.

Price—\$2.00 each.



CAHOON BROADCAST SEED SOWER

FOR SOWING GRASS SEED, GRAIN, CLOVER SEED

The best seeder manufactured and sows all kinds of grain, clover, etc., rapidly and evenly. A person entirely unused to seeding can, by following the simple directions sent with machine, sow from four to six acres an hour at a common walking gait. It sows uniformly and saves four-fifths in labor by its use. Every farmer should have one of these sowers. Circulars giving full information and directions for use, mailed on application. Price—\$4.50.

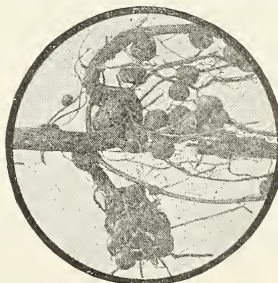
MULFORD CULTURES FOR LEGUMES

Contains pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seed and soil. Mulford Cultures are scientifically prepared and tested with utmost care and skill. Enormous numbers of these very valuable bacteria come to you in every package of Mulford Cultures. They are prepared for:

ALFALFA	VETCH
CRIMSON CLOVER	VELVET BEANS
SWEET CLOVER	SWEET PEAS
RED CLOVER	GARDEN PEAS
ALSIKE CLOVER	GARDEN BEANS
BURR CLOVER	LIMA BEANS
COW PEAS	LESPEDeza
SOY BEANS	AND OTHER
PEANUTS	LEGUMES

Always specify what crop you want to inoculate, as there is a different strain of bacteria for every legume. Inoculation means a large increase at a small cost.

Postpaid: Small size for garden and sweet peas, 25c; 1 acre, 50c; 1 acre, \$1.50; 5 acres, \$5.00.



ALPHANO INOCULANT

ALL-IN-ONE NITROGEN GATHERING
INOCULANT

Alphano Inoculant will abundantly inoculate your seed and soil for all 24 legumes, and eliminates the necessity of buying separate cultures. One dollar's worth of Alphano may add forty dollars to your crop value, since it acts like other cultures as a fertilizer and a sure means to make legume seed germinate. It may be applied to the seed or sprinkled over the manure pile to supply billions of nitrogen gathering bacteria.

Price—Postpaid: \$1.00 per acre.

HIGH GRADE CLOVER AND ALFALFA SEED

CLOVERS AND ALFALFA can be depended upon, as they are of the Highest Grade, and recleaned. Our Seeds are not only of a high germinating test, but they are of a high purity test, giving assurance to the planter that he will receive the best seeds obtainable. The Cherokee Brand means the Highest Quality, the most profitable and cheapest for the planter.

Prices named on clovers are subject to change. Write for prices. Mention quantity wanted, or we will fill orders sent us at our lowest prevailing price day order is received.

RED CLOVER

This valuable crop is not only one of the most excellent Hay and Forage Crops, but it is a great soil improver. Red Clover can be cut for two or three years from one seeding, and on good land will yield two cuttings per year. Red Clover has been found particularly adapted to the northern part of the Cotton Belt; when sown alone in this section, 10 to 12 lbs. to an acre. Excellent results are received by sowing for hay, a mixture of one bushel of Orchard Grass, one bushel Tall Meadow Oat Grass with eight pounds of Red Clover to an acre. If to be used also for pasture, an addition of 6 pounds Red Top or Herds Grass to the above mixture will increase the pasturage.

Price of Our Cherokee Brand (purity 99½ per cent.)—Lb., 65c; 10 lbs., \$6.25; 1 bushel (of 60 lbs.), about \$36.00. Prices fluctuate.

MAMMOTH, OR SAPLING CLOVER

This is similar to Red Clover, both in appearance of the seed and its habits of growth, the difference being that it usually grows larger and is later in maturing. It is considered superior as an improver on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy, Meadow Fescue or Herd's Grass, or Red Top, as it matures about the same time as these grasses. Sow ten to twelve pounds per acre by itself or with Timothy. Six pounds of Clover and eight pounds of Timothy will give a liberal seeding.

Price of Our Cherokee Brand (Purity 99½ per cent.)—Pound, 65c; 10 lbs., \$6.25; 1 bushel (60 lbs.), about \$36.75. Prices fluctuate. Will quote prices upon request or fill orders at market prices day order is received.

ALSIKE CLOVER

Sixty pounds to the bushel. A valuable perennial clover, growth of fine texture, more spreading and recumbent than red clover, matures later, has pinkish blossoms and does not make such large roots, nor do they penetrate so deep into the soil. Notwithstanding, it seems to be harder than red clover, standing as much heat and decidedly more cold. Alsike Clover should be sown in the South from August to March, the sooner the better. It seems to be well adapted to creek and river bottoms. From 8 to 10 lbs. should give a good stand.

Price of Our Cherokee Brand (Purity 90 per cent.)—Lb., 65c; 10 lbs., \$6.25; bushel, \$37.00.

SWEET CLOVER OR MELILOTUS

FOR FORAGE AND SOIL IMPROVEMENT

SWEET CLOVER—Is also known as Bokhara Clover. There are two varieties. The White Blooming or Melilotus Alba and the Yellow Blooming or Melilotus Officinalis. One of the great uses Melilotus has been put to is to inoculate the soil where alfalfa is intended to be grown, as it contains the same class of bacteria that infest the roots of alfalfa for it will grow where alfalfa will not the first year. It enriches poor, thin land; prevents land from washing, stands heat and drought remarkably well; is very fattening for all live stock; valuable for bee pasture. It is sown at the rate of 10 to 15 lbs. to an acre.

THE WHITE BLOOMING OR MELILOTUS ALBA is the most largely used; it produces a larger growth, is a little later in maturing, and is of superior quality to the yellow, which is very coarse.

Price of Our Cherokee Brand of Seed (Recleaned)—Lb., 45c; 10-lb. lots, \$4.25; bushel, \$40.00.

BUR CLOVER

Can only be sown in the summer and fall. For the South it is a most valuable winter grazing crop, growing luxuriantly all through the winter and until the summer comes fully on. It is admirably adapted for



RED CLOVER

use with Bermuda Grass; the combination of the two makes a splendid all-the-year round pasturage.

Price, Seed in the Bur—Lb., 30c; 10 lbs., \$2.50.

CRIMSON CLOVER

(American Grown Seed)

Best only for late summer and fall sowing—This variety should be more largely used by every Southern farmer. Produces an excellent hay and fine winter pasturage. Crimson Clover is one of the finest of all soil-improving crops. Sow at the rate of 15 lbs. to an acre broadcast from July to October.

Price of Our Cherokee Brand Seed—Lb., 25c; 10 lbs., \$2.00; bushel, \$8.00.

WHITE CLOVER

WHITE CLOVER—Does well in nearly all parts of the South. In this section it is indigenous to all kinds of soils. Is especially valuable and largely used in LAWN and PASTURE MIXTURES. It makes a small, close, compact growth. If sown alone, sow 6 to 8 lbs. an acre; more largely sown with other grasses, in this case use half the amount.

Price of Our Cherokee Brand of Seed—80c per lb.; 10 lbs., \$7.50; bushel, \$40.00.

ALFALFA OR LUCERNE

THE PROFITABLE AND NUTRITIOUS HAY CROP

ALFALFA OR LUCERNE—In the South will produce from 5 to 7 tons of hay an acre each year. It enriches the soil. Is very large, branching roots penetrate far down, loosening the soil, getting plant food where other crops would be a failure. Alfalfa is a perennial, and lasts for eight to ten years. Sow seeds in thoroughly prepared soil at the rate of 20 lbs. to the acre. Before sowing the seed it will be best to inoculate them, if alfalfa has never been grown on the soil you are to sow. We can supply you with the Bacteria for inoculating alfalfa and clover at \$1.00 per acre.

Price of Our Cherokee Brand of Seed—Lb., 55c; 10 lbs., \$5.25; bushel, \$30.00.

LESPEDEZA OR JAPAN CLOVER—Per lb., 45c; 10 lbs., \$4.25; 60 lbs., \$22.00.

Bags charged extra on Clovers.

IMPROVED SELECTED SEED CORN

EARLY MATURING VARIETIES

IMPROVED EARLY GOLDEN DENT CORN—This produces mammoth ears, maturing in 90 to 110 days. Ears are well filled out with solidly set deep kernels of a beautiful golden yellow color. Produces two to three ears to the stalk. Stalks are robust and grow from 8 to 10 feet high.

Price—Lb., 10c; peck, 95c; bushel, \$3.50.

IMPROVED LEAMING—THE GOLDEN KING OF CATTLE FEEDER'S CORN—There is none better or yielding more bushels. Being rich in protein and oil, it is ideal from a feeder's standpoint. Color a beautiful golden yellow. It grows a strong rugged stalk 8 to 12 feet high; very profuse, broad blades, making it one of the best for ensilage and fodder varieties. Matures in 100 or 110 days; ears containing 16 to 20 rows on small red cob; usually two good ears to stalk running from 8 to 12 inches long.

Price—Lb., 10c; peck, 95c; bushel, \$3.50.

EARLY WHITE SNOW FLAKE—This variety is, undoubtedly the earliest large corn in cultivation. The grain is deep white; cob small, white, sometimes running as much as 90 per cent. grain. The average length of the ear is eight to eleven inches, and the stalk is low, averaging about seven to eight feet. The ear is usually borne close to the ground. This variety admits of close cultivation, and, in our judgment, is one of the most profitable corns that can be grown for main crop. It has been known to make a roasting ear in sixty days after germinating. It will all ways be hard enough to grind in 90 to 120 days. It is largely used throughout the South for planting as late as July.

Price—Lb., 10c; peck, \$1.00; bushel, \$3.75.

CHAMPION EARLY WHITE DENT CORN—Matures in 90 to 100 days. This variety is always ready for feeding, husking and marketing earlier than any other of the standard varieties of white corn by fully two weeks. Stalk of medium height, ranging from 7 to 10 feet high (dependent upon the land, hill or bottom ground). The type of this corn is very even and uniform; large ears run from 9 to 12 inches long; 16 to 22 rows of pure white kernels; ears well filled out at butt and tip ends.

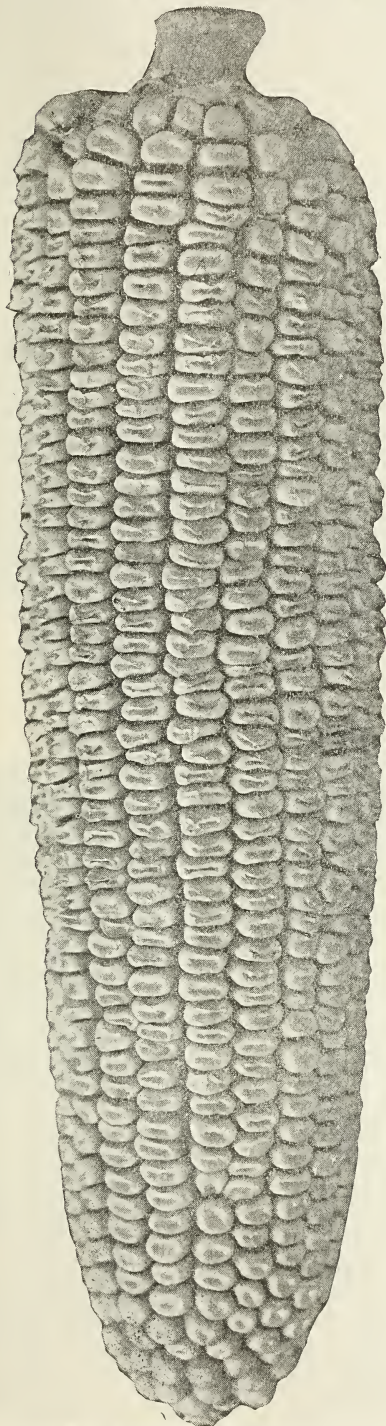
Price—Lb., 10c; peck, 90c; bushel, \$3.40.

BOONE COUNTY WHITE CORN—It is a splendid yielder. In many places it is a great favorite. Highly recommended for an early maturing, heavy yielding corn for upland or good light loam soils. The ears are from 9 to 12 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference, containing 18 to 24 rows. The cob is medium size, and pure white in color. The ears are quite uniform in size, shape and appearance. The kernels are pearl white, quite deep. This variety grows a large stalk from 10 to 12 feet high, with an abundance of foliage, and like other white varieties, is the best for old, thin, poor soils. They gather more plant food from the air and less from the soil than does the yellow corn.

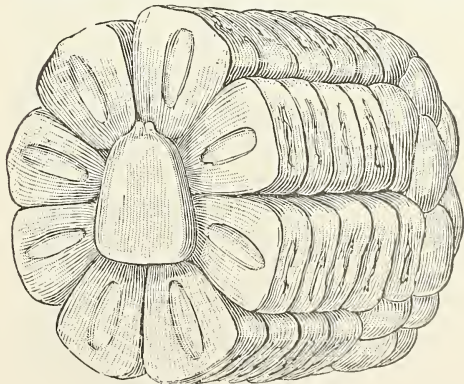
Price—Lb., 10c; peck, 95c; bushel, \$3.50.

Later or Main Crop Varieties

HICKORY KING CORN—A medium early, prolific



IMPROVED EARLY GOLDEN DENT CORN



HICKORY KING CORN

variety, with very broad and firm flat grain. The ears average about eight inches long. The cob is exceedingly small, not much larger than a man's finger, and has ten or twelve rows; will make fine roasting ears. For the production of meal it is not excelled by any sort. It is especially recommended for high land.

Price—Lb., 10c; peck, 95c; bushel, \$3.50.

TENNESSEE RED COB WHITE CORN—An extra large field corn; grain long, broad and evenly lined on large red cob. The ears of this sort will run from nine to twelve inches long, and have from eighteen to twenty-two rows. It is rather a late maturing sort, but for bottom land or a main crop, this corn cannot be excelled. Our seed of this variety is grown in Tennessee, in the Tennessee River Valley, and is undoubtedly the highest developed type of this class of corn that can be obtained.

Price—Lb., 10c; peck, 90c; bushel, \$3.40.

COCKE'S PROLIFIC CORN—This variety can be relied upon to produce from two to five ears to the stalk. It being very prolific makes it a large yielding corn. Ears are of medium size. Grain white, or flinty nature, making fine hominy and excellent meal. One grower stated that it stands dry weather better than any other variety he had tried.

Price—Lb., 10c; peck, 90c; bushel, \$3.40.

LIPPARD'S PROLIFIC CORN—One of the most popular varieties raised in Western North Carolina. It is a medium size ear, averaging about 9 inches in length, having from 14 to 16 rows of pure white corn, which makes beautiful meal.

Price—Peck, \$1.00; bushel, \$3.75.

KENT'S PROLIFIC—Has been grown on the Kent Farms, Buncombe county, for 20 years. It is selected in the field, hand shelled, nubbled both ends, and without doubt one of the best seed corn on the market.

The supply is limited.

Price—Lb., 10c; peck, \$1.25; bu., \$4.00.

N. C. BUNCOMBE ENSILAGE—This fine variety of ensilage corn, selected by ourselves, grows very tall, attaining a height of 10 to 12 feet; is of prolific nature yielding two to three ears to the stalk and an abundant growth of fodder. It has been adapted for the climatic and soil conditions of Western North Carolina, attaining high favor with farmers who grew it last year.

Price—Lb., 10c; peck, \$1.00; bushel, \$3.75.

SEED OATS

Oats should be sown in March and April and at the rate of two to three bushels to the acre, since they do not have time to stool as oats sown in the fall do.

We sell only tested seed and the pick of the crop; they insure a better stand and yield.

BURT OR 90 DAY OAT—This is unquestionably the quickest growing, most prolific, and surest cropping of all spring oats. It is a sure header, early maturing (about two weeks earlier than other varieties) and is rust-proof. The healthy, clean and vigorous growth produces an abundant yield of bright, heavy grain. Burt Oats are especially adapted for poor soils.

Price—Peck, 50c; bushel, \$1.60; 5 bushels at \$1.50 per bushel.

RED RUST PROOF—Our strain of this old favorite is direct from the best growers in Texas; this source of supply is considered best for Southern planters. Red Rust Proof produce a large yield of heavy, fine appearing grain. They also grow well in poor soil.

Price—Peck, 50c; bushel, \$1.50; 5 bushels at \$1.40 per bushel.

WHITE SPRING OATS—A very popular variety in Western North Carolina. It is an excellent yielder of bright, clean grain; is extremely hardy and grows taller than other varieties.

Price—Peck, 50c; bushel, \$1.40; 5 bushels at \$1.35 per bushel.

OREGON SPRING VETCH—This crop has been largely grown on the Pacific Coast and has only recently been planted to a large extent in the South. It is an excellent soil improver as well as a nutritious hay and grazing crop. We recommend sowing 30 lbs. Vetch with 1 bushel Oats for grazing.

Price—Lb., 20c; 10 lbs., \$1.80; 100 lbs., \$15.00.



EXTRA EARLY BURT, OR 90 DAYS



SOUTHERN GROWN GERMAN MILLET

MISCELLANEOUS FORAGE CROPS

TENNESSEE GOLDEN MILLET—Makes a large crop of most nutritious hay, rapid grower, and easily cured. Sow about 1½ bushels per acre from April to August, cut the hay before the heads form. Our Tennessee grown Millet not only produces a larger crop but a better quality of hay than the western seed.
Price—Lb., 10c; 10 lbs., 70c; bu., \$3.00.

PEARL OR CAT-TAIL MILLET—One of the best and most nutritious of continuous cutting forage crops. It grows rapidly to height of 10 or 12 feet, but can be cut at the height of 3 or 4 feet. It is largely used by dairymen both as a green and cured feed for cattle, since three or four cuttings of high quality feed are obtained every year. The stooing qualities of this variety make it an excellent yielder. Sow 1½ bushels to an acre from May to July.
Price—Lb., 10c; 10 lbs., 70c; bushel, \$3.00.

BUCKWHEAT

This is a late summer crop that is very desirable for mountain sections. Buckwheat is largely grown for bees and grain. It is often planted as a soil improver to turn under or as a sure means of smothering out weeds.



JAPANESE BUCKWHEAT

JAPANESE—This is the earliest variety and possibly the best for the South. It is a prolific yielder of unusually large kernels, and has good branching qualities.

Price—Lb., 10c; 10 lbs., 80c; bushel, \$3.50.

BEARDESS SPRING BARLEY—This variety sown in the spring matures as quickly as winter barley sown in the fall. It supplies fine green forage for cattle and poultry and also makes excellent hay. Can be sown with rye, vetch, and rape for spring grazing.

Price—Lb., 10c; 10 lbs., 70c; bushel, \$3.25.

BROOM CORN (Improved Evergreen)—This is the best variety for the South, is tall and straight, fine green appearance when cured. Plant 10 to 15 lbs. to the acre in rows 3 feet apart; cultivate early and often. Harvest when seed becomes soft and milky.

Price—Lb., 20c; 10 lbs., \$1.80.

SORGHUM CANE

EARLY AMBER—Produces a large yield of nutritious hay; grows 10 to 12 feet high, has excellent stooing tendencies, can cut 2 or 3 times for hay. An

excellent green or cured feed. Broadcast 1½ bushels to the acre.

EARLY ORANGE—Strictly a forage crop like Amber Cane, considered by many to be the best yielder of all the cane forage crops, is medium late, and produces large stalks.

Price—Lb., 10c; peck, 70c; bushel, \$2.25.

EARLY RED TOP SORGHUM—A late variety producing very large stalks and more syrup. Largely utilized as a green hog feed.

Price—Lb., 10c; peck, 70c; bushel, \$2.25.

JAPANESE SEEDED RIBBON—This is the very best variety for syrup. It produces a large yield of syrup, the flavor of which is superior to all other varieties on the market.

Price—Lb., 10c; 10 lbs., 90c; bushel, \$3.50.

MANGEL-WÜRTZEL OR STOCK BEETS

One ounce for 50 feet of drill; 5 lbs. for an acre.

MAMMOTH LONG RED—On good soil sometimes grows eighteen inches long. Dark leaves; skin bright dark red; flesh white with veined rings of rose-pink. An excellent keeper; nutritious and milk-producing.

Price of Above Varieties—Oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.85. If by mail, add for parcel postage.

CHAMPION GLOBE—The best round Mangel. It is valuable for shallow soils, a better keeper than Long Red.

GOLDEN TANKARD—A yellow-fleshed variety highly prized by dairymen for milk-producing qualities.

PEANUTS

Culture—Shell the nuts and plant in April or May in drills 2½ to 3 feet apart, dropping them 12 to 15 inches apart in the drill. Work occasionally, cultivating flat and keeping the land clean of weeds.

SPANISH—An early small-sized variety which is enormously prolific, and the kernels are very rich and fine flavored. It is also very largely grown for stock-feeding, the vines and roots pulled up and cured making excellent, nutritious hay or very fattening hog food.

Price—Qt., 25c; pk., \$1.75; bu. (30) pounds, \$7.50. Write for prices in quantity.

IMPROVED LARGE VIRGINIA—A very profitable variety to grow, and is easily cultivated; very erect; largest pods and kernels with fewer imperfect pods than any other variety. The vines make valuable forage for stock.

Price—Qt., 20c; pk., \$1.50; bu. (of 22 lbs.), \$4.40.

PLANT CARROTS FOR STOCK

There is not enough attention paid to root crops by live stock raisers. A crop of great value for cattle, horses, sheep and pigs.

Apply for values and circulars describing:

Orchard Tools	Lime Sulphur Solution
Sprayers	Dry Lime Sulphur
Sprayer Parts	Arsenate of Lead
Sprayer Hose	Paris Green
Pruning Shears	Bordeaux Mixture
Pruning Saws	Bordo Mixture

Everything for your orchard

See page 50.

SOY OR SOJA BEANS, COW PEAS, VELVET BEANS

SOY OR SOJA BEANS

A VALUABLE LEGUMINOUS PLANT AND SUMMER FORAGE CROP

The cultivation of this crop is increasing rapidly, as its value and importance for a forage crop and soil improver. Soy beans are also valuable to the Southern farmer as they resist the drought and hot weather to a great extent. Soy Beans are practically the only crop that furnishes a balanced ration feed in one crop. Both the forage and bean crop are very nutritious; can be sown in drills $3\frac{1}{2}$ feet apart at the rate of $\frac{1}{2}$ bushel to 3 pecks to an acre or broadcast one and a half bushels to an acre. Thick sowing prevents stalks from growing too coarse. Often successfully sown with cow peas, mixing one-half a bushel of Soy Beans to one bushel of cow peas to an acre. We list below the most popular varieties.



MAMMOTH YELLOW SOY OR SOJA BEANS

MAMMOTH YELLOW SOY (SOJA)—This variety we consider especially valuable for this section and farther south. It makes the largest yield of forage and beans of any of the varieties known.

Price—Qt., 20c; pk., \$1.25; bu., about \$4.00. Write us for prices on quantity wanted.

WILSON EARLY BLACK SOY—A very early variety, also a very prolific. Has fine stems which enable it to cure for hay quicker than other varieties.

Price—Qt., 20c; pk., \$1.75; bu., about \$5.50.

Prices of Soy Beans fluctuate.

FIELD OR COW PEAS

AND FORAGE CROPS

THE SOUTH'S GREAT SOIL IMPROVER HAY

COW PEAS are too well known to give space to the value as a hay ensilage crop, their high feeding qualities and their great power of enriching the soil. We list the popular varieties below.

LARGE BLACK EYE WHITE PEAS—This variety is not only valuable as forage and soil-improving crop, but the dried peas are readily salable as table peas during the winter. The Large Blackeye Peas are more prolific, better flavored, and bring a higher price than the ordinary Blackeye, and farmers will find it more profitable to plant these than the ordinary Blackeye.

Price—Pkt., 10c; quart, 45c, postpaid. By express or freight, not prepaid, quart, 25c; peck (15 lbs.), \$2.25; 1 bushel (60 lbs.), \$7.50.

CLAY—Very similar to the Unknown, but earlier; vigorous growth, very popular.

Price—Qt., 20c; pk., \$1.00; bu., about \$3.50.

WHIPPOORWILL—An upright growing variety. Early. Has brown speckled seed, which are easily gathered. Produces good vine growth.

Price—Qt., 20c; pk., \$1.00; bu., about \$3.50.

IRON COW PEAS—A very early, small clay colored hard pea, of vigorous growth and disease-resistant qualities; very prolific bearer.

Price—Pk., \$1.00; bu., about \$3.50.

BRABHAM—This variety is better adapted for light soils than heavy soils. It has proven in number of tests to give larger yield of forage and peas than any variety on the market.

Price—Qt., 25c; pk., \$1.25; bu., about \$4.00.

TAYLOR OR EARLY CROWDER—A large speckled pea, making a large growth of vines. Upright in growth, early to mature.

Price—Qt., 25c; pk., \$1.00; bu., about \$3.50.

UNKNOWN OR WONDERFUL—A late variety running in habit, but has enormous and wonderful growth of vines.

Price—Qt., 25c; pk., \$1.00; bu., about \$3.50.

MIXED COW PEAS—Preferred by many farmers where the crop is intended for soil-improving; they will grow thicker than separate varieties, producing better crop of vines and forage.

Price—Pk., 85c; bu., about \$3.25.

VELVET BEANS

THE GREATEST SOIL ENRICHING CROP

100 DAY VELVET BEANS—This new variety is the quickest growing, earliest maturing of the Velvet Beans, making it possible to grow with success in North Carolina, Virginia and Tennessee, Velvet Beans, thus giving the benefit to the soil that no other crop can give, far surpassing the Cow Peas for this. In addition to being a soil-improving crop, the 100-Day Velvet Beans make one of the best grazing crops for cattle. Velvet Beans are best planted in rows about four to five feet apart, at the rate of about a half bushel to an acre.

Price—Qt., 10c; pk., \$1.00; bu., about \$3.00.

DWARF ESSEX RAPE

(ENGLISH GROWN)

Rape is one of the quickest and cheapest pasture crops for sheep, young cattle, poultry and hogs. Is sown in the same manner as turnips, in drills or broadcast. When sown in drills, five pounds to an acre is used; if sown broadcast, it requires ten pounds to an acre.

Price—Pound, 20c; (postpaid, lb., 25c); 10 lb. lots and over, 18c per lb.; in 50 lb. lots and over, 15c lb.



DWARF ESSEX RAPE

HIGH GRADE FERTILIZERS

PURE RAW BONE MEAL

Our Bone Meal is made from pure, raw bones and contains a higher percentage of plant food than that prepared from steamed bone. We guarantee our Bone Meal to analyze 24 per cent. Phosphoric Acid and not less than 4½ per cent. Ammonia. Bone Meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, geraniums, ferns, palms, and other potted plants; with grass crops. Whether for pasture, hay or lawn, Bone Meal will be found not only a valuable fertilizer, but a cheap one. It dissolves gradually, supplying food steadily during the growing season.

Price—10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$4.00; 200 lbs., \$7.50; ton, \$70.00. Price fluctuates.

PULVERIZED SHEEP MANURE—A pure natural manure, free from all noxious weeds, and unequaled as a fertilizer for lawns, potted plants, vegetables, flowers, etc. It furnishes a natural humus to the soil, giving immediate and lasting results. We do not hesitate to recommend this excellent fertilizer as a good general source of high grade plant food; it will keep your lawns and plants green and flourishing during the growing seasons and protect them during the winter.

Price—10 lbs., 45c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; ton, \$50.00 f. o. b. Asheville.

Special price to florists, park owners, etc., on car-load lots.

COW OR CATTLE MANURE (Shredded)—It has been well said that one sack of this is equal to one carload of cow manure, is especially good for lawn, plant, and greenhouse fertilization. It is clean and convenient to handle.

Price—10 lbs., 60c; 25 lbs., \$1.00; 100 lbs., \$2.75; ton, \$45.00.

ACID PHOSPHATE

Many Southern soils lack available phosphoric acid in lime, hence for this reason Acid Phosphate is an almost indispensable fertilizer. Although it is an excellent fertilizer for general crops, its principal value is a grain and grass fertilizer. Apply from 200 to 400 lbs. per acre and mix well with soil two or three weeks prior to seeding for best results.

Analysis: 16 per cent. available Phosphoric Acid.

Price—200 lb. bag, \$2.75. Write for ton price.

GRAIN AND GRASS FERTILIZER

This is a quick acting and lasting fertilizer especially prepared for grain and grass crops. The great popularity of this fertilizer is due to the increased production of crops and the permanent improvement of the soil that has resulted by its use. Apply 200 to 400 lbs. to the acre.

Analysis: Ammonia, 2 per cent.; available Phosphoric Acid, 8 per cent.; Potash, 2 per cent.

Price—200 lb. bag, \$4.50. Write for ton price.

HIGH GRADE VEGETABLE

Apply 400 to 500 lbs. to the acre.

This complete fertilizer is especially prepared for beans, peas, cabbage, tomatoes, melons, and other vegetables. The ingredients dissolve quickly and supply available plant food immediately, producing wonderful results by the stimulation of the vegetable plants into a luxuriant growth.

Analysis: Ammonia, 3 to 4 per cent.; available Phosphoric Acid, 8 per cent.; Potash, 2 per cent.

Price—50 lbs., \$2.00; 100 lbs., \$3.00; 200 lbs., \$5.25.

POTATO FERTILIZER

Highly recommended both for Irish and Sweet Potatoes and other root crops. It seems to be the most desirable fertilizer for root crops that can be had today, invariably increasing the yield per acre and the quality of the crop. It contains from 2 to 3 per cent. Potash; 8 per cent. available Phosphoric Acid; 3 per cent. Ammonia.

Apply 500 to 600 lbs. per acre.

Price—50 lbs., \$2.00; 100 lbs., \$3.25; 200 lbs., \$5.50. Ask for ton price.

TOBACCO DUST

The high percentage of Potash and Ammonia in this, excellent fertilizer renders it invaluable for mulching, covering lawns, etc. It is also burned for fumigation purposes.

Price—10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50.

GROUND LIMESTONE

We are agents for large grinders of high grade limestone for agricultural purposes.

Price—50 lbs., —; 100 lbs., —. Ton, write.

Ask for price of bulk car loads; we also ship packed in paper bags.

BILTMORE ESTATE

Office of Superintendent

Asheville Seed Co.,
Asheville, N. C.

October 7th, 1919.

Gentlemen:

We have just made an inspection of the fields of Kent's Prolific and Pon's Hickory King corn, the seed of which we purchased from you last spring. Kent's Prolific will average two sound, full grown ears to the stalk, and here and there stalks with three and four ears were observed. Pon's Hickory King is wonderful in size of grain, the appearance of which surpasses any upland corn we have grown.

The high percentage of germination, rapid after-growth and splendid crops obtained from planting home grown seed corn, should attract many purchasers, and especially to these worthy strains.

Truly yours,

L. D. BEADLES.

SDB/FGS

INSECTICIDES and FUNGICIDES

BUG POISONS CANNOT BE SENT BY MAIL

HAMMOND SLUG SHOT—Used for 25 years and as reliable as Grandfather's Clock. Kills leaf-eating insects—no poison.

Price—1 lb., 35c; 5 lbs., 50c; 10 lbs., 95c.

BUG DEATH

BUG DEATH kills the bugs without injuring the foliage of any plant, tree or vine; does away with the "beware—poison" sign, because it contains no Paris green or other arsenical poisons. **Bug Death** is especially valuable for putting on cabbage, beans, egg



Reg. U. S. Pat. Off.
Pat. March 16 and Nov.
9, 1897.

plant, squash, cucumbers, cauliflower, as well as it is largely and successfully used on Irish Potatoes; also will be found one of the best to use on flower plants. By the use of **Bug Death** the yield and quality of your plants will be increased. It is very fine, tenacious powder that sticks.

Price—1 lb., sprinkle top box, 25c; 3-lb. package, 50c; 5-lb. package, 70c, by express not prepaid. If by mail add to amount for parcel postage.

BOWKER'S PYROX—A combined insecticide and fungicide. Pyrox kills leaf-eating insects. It prevents rots, blights, rusts and fungus. Its use means a larger and better crop of apples, pears, grapes, small fruits, potatoes, tomatoes and other crops. It is in a paste and is used in a spray.

Price—1-lb. jar, 35c; 5-lb. drums, \$1.25; 10-lb. drums, \$2.00.

"BLACK LEAF 40"—Destroys such insects as Aphids (Plant Lice), Thrips, Leaf Hoppers. Contains 40 per cent. of nicotine. One ounce bottle makes about six gallons; ½-lb. tin makes from 40 to 150 gallons spray.

In order to assist the "Black Leaf 40" to penetrate to and thoroughly wet the insect, it is advisable when spraying with "Black Leaf 40" alone to add 3 or 4 pounds of dissolved soap to every 100 gallons of spray. When using "Black Leaf 40" in combination with other sprays, do not use soap.

Price—1 oz. bottle, 25c; ½ lb. tin, \$1.00. This being a poison can not go through the mail.

PARIS GREEN—Is very poisonous. It is known to be the most reliable destroyer of all leaf-eating insects, but is almost worthless for destroying what is known as sucking insects. If thought desirable to use in solution, which is really the most economical way, from one-quarter to one pound will be sufficient to add to fifty gallons of water, or one pound to 50 lbs. of land plaster, the quantity depending upon the tenderness of the foliage it is to be applied to.

Price of Paris Green—¼ lb., 25c; ½ lb., 45c; 1 lb., 75c; 5 to 10 lb. lots, 70c.

INSECTO POWDERED BORDO—Endorsed by leading entomologists. Will prevent blight, scab, rust, mildew, black-rot, and other fungus diseases of plants and fruits; also will improve the quality and increase the yield. It should be used on grapes, cucumbers, melons, tomatoes, etc. Potatoes respond generously to thorough spraying. To make a combined Fungicide and Insecticide, add one pound of Paris Green or two pounds of Arsenate of Lead to 150 gallons of the diluted mixture. 8 pounds of Dry Insecto Bordo makes 50 gallons of spray mixture.

Price—1 lb. can, 50c; 5 lbs., \$2.25; 10 lbs. for \$4.00.

FISH OIL SOAP AND TOBACCO—(Usually called Whale Oil Soap). An excellent preparation for plants infected by vermin. Also used against fungus diseases and will keep trunks of trees free from borers and other bark destroyers. Destroys the mealy-bug and nearly all lice on indoor plants and scale on palms.

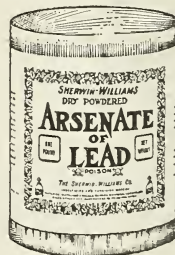
Price—By express, lb., 25c.

PHY-CRESOL—A cold water dip, insecticide, disinfectant, deodorizer, antiseptic and detergent. Rapidly fatal to all insect pests which infest domestic animals, but positively harmless to the skin. Heals eruptions and cuts, and promotes new growth of fine hair and wool. A perfect sheep dip and splendid disinfectant. Invaluable for dog kennels, poultry houses, etc.

Price—Postpaid: Pt., 42c; qt., 68c. Express: Pt., 35c; qt., 60c.

ARSENATE OF LEAD

DRY POWDERED—The advantages of the use of a dry powdered form of Arsenate of Lead over the bulky paste material are many. It is an exceedingly finely divided, fluffy powder, which is a greater bulk per given weight than any other powdered Arsenate of Lead manufactured. For this reason it goes into suspension in the spray tank much more readily than



the paste lead or any other form of dry Arsenate of Lead. It contains 30 to 33 per cent. of Arsenate of Oxide. It is very adhesive and sticks to the leaves and fruit for the longest possible time. This insures the greatest effectiveness at the lowest cost. These advantages make it much preferable to Paris green for destroying leaf-eating insects. Use 1 to 2 lbs. to 50 gallons water for general spraying.

Price—½ lb. package, 30c; 1-lb. package, 55c; 5-lb. package, \$2.50; 25 lbs. at 45c per lb.; 50 lbs. at 43c per lb.; 100 lbs. and over at 40c per lb.

HELLEBORE—For worms, caterpillars, etc. Less poisonous than Paris green and Arsenate of Lead, and safer to use when vegetables and fruits are nearly ripe. Dissolve 1 oz. to 2 gallons of water. Lb., 70c.

SULPHUR—For making Lime-Sulphur Spray, for mildew and plant mites. By mail postpaid, lb., 18c; 10 lbs., \$1.00. By express, lb., 10c; 10 lbs., 75c; 25 lbs., \$1.65.

ANTICIDE—A powder that drives away ants, one of the greatest lawn destroyers. Induce your neigh-



bors to use it and thus help protect your own premises from invasion.

Price—Postpaid: lb., 30c; 2 lbs., 56c. Express: lb., 25c; 2 lbs., 50c.

TOBACCO DUST—This, containing potash is a good fertilizer as well as an insecticide, excellent for dusting melon and cucumber vines, also to put in the

soil around the plants to destroy and help prevent the grub or bugs in the soil.

Price—1 lb., 10c; 5 to 10 lbs. at 8c per lb.; 25 to 50 lbs. at 7c per lb.

SULPHO TOBACCO SOAP—For a cheap, effective, clean and harmless insecticide for amateur and professional growers this is unexcelled. Quickly exterminates all insect life on plants and flowers in and out of doors. Unsurpassed for rose bushes. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. A trial will give highly gratifying results.

Price—Three-ounce cake, sufficient for 1½ gallons prepared solution for 10c; by mail, postpaid, 13c. Eight-ounce cake, sufficient for 4 gallons prepared solution for 20c; by mail, postpaid, 28c.

PHENOLENE—A powerful disinfectant for general household and disinfecting uses. An excellent deodorizer. Full directions for using on each package.

Price—½ pint bottles, 25c; 1 pint bottles, 35c.

KEROSENE EMULSION—For Sucking Insects. A safe and sure remedy for squash-bugs, plant and bark-lice, San Jose Scale, caterpillars, rose-bugs, green-fly, melon and pea louse, and all sucking insects. Ours is a perfect emulsion and will not separate. It is in concentrated form—add 25 to 50 gallons of water to one gallon of emulsion and it is ready for use. Spray before the blossom buds open and again

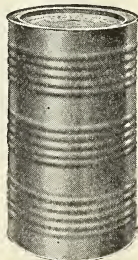


after the blossoms fall. The second spraying should have Paris green mixed with it to kill leaf-lice, aphides and insects. Qt., 40c; 2 qts., 65c; gallon, \$1.00; 5 gallons, \$4.50.

NIAGARA SOLUBLE SULPHUR COMPOUND

This material has been in general use among thousands of the best fruit growers in America for five years, and its value as an insecticide is firmly established.

It is a powdered material prepared from a special soda-ash and sulphur, which will dissolve readily in



hot and cold water. When used for San Jose Scale it is quick and sure. As a dormant spray, SOLUBLE SULPHUR COMPOUND has no equal.

Besides its insecticidal value, NIAGARA SOLUBLE SULPHUR COMPOUND has many advantages over the old fashioned lime-sulphur solution. Chief among these are the elimination of 500 lbs. of water and package and the consequent saving of freight, the easy and convenient hauling and handling, keeps indefinitely in any climate, no loss from leakage, no freezing or crystallization, no bother returning empty barrels.

The use of this material means clean, top-of-the

market fruit at a considerable saving in time and money.

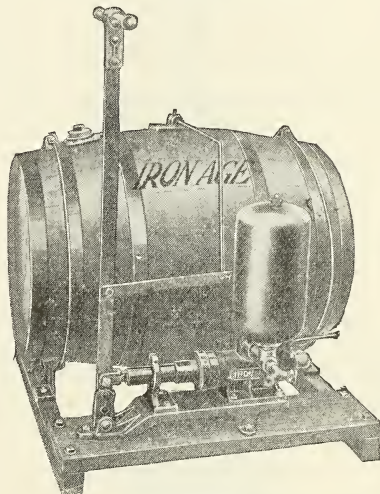
Especially for the control of San Jose Scale, we believe Niagara Soluble Sulphur Compound to be the best and most economical spray material on the market.

AMOUNT OF MATERIAL TO USE—For the Dormant Sprays, for the control of such troubles as San Jose Scale, Oyster Shell Bark Louse, etc., use 12½ pounds of NIAGARA SOLUBLE SULPHUR COMPOUND to 50 gallons of water.

Price—f. o. b. Asheville (fluctuates)—

150 lb. cans, per 100 lbs.\$11.00
100 lb. cans, per 100 lbs.11.00
50 lb. cans, per lb.12½
25 lb. cans, per lb.15

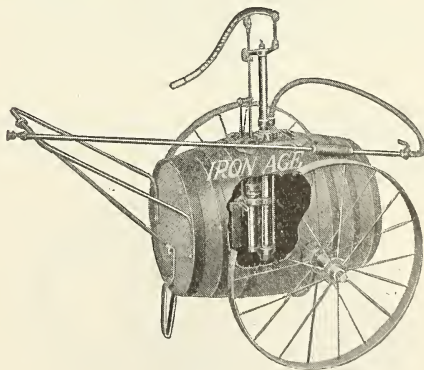
SPRAYERS



NO. 190

NO. 190—Horizontal Barrell Sprayer, single acting, 50 gallon capacity, 100 to 125 pounds pressure with two nozzles, valves bronze balls which find their seat easily. No corrosion, solution touches brass parts only.

Price—\$33.00; for one lead of hose add \$6.00; two leads, \$12.00.



NO. 197

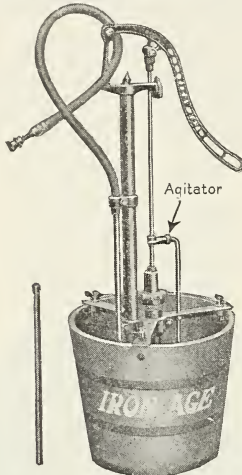
NO. 197—Small Barrel Sprayer, 20 gallons capacity, mounted on steel truck, equipped with necessary handles, spray pipe, stop cock, nozzle, sliding hand grip.

Excellent for use on estates, parks, chicken farms, etc.

Price—\$27.50.

NO. 191—Vertical Barrel Pumps, fits any barrel, an outside pump that does not corrode, nothing inside barrel but galvanized suction pipe and dasher to keep solution stirred; hemp packing with lead core, 125 pounds pressure with four nozzles.

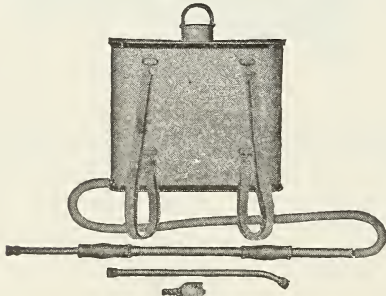
Price—\$22.00 for sprayer only.



NO. 192

NO. 192—Bucket Spray Pump, worth more than it costs; made entirely of brass and malleable iron, excellent for house and garden. It has high pressure but an easy stroke. Equipped with extra cap for washing windows.

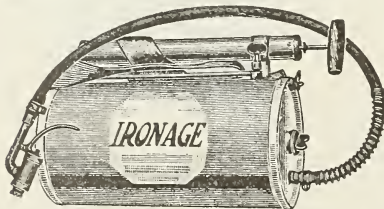
Price—Without bucket, \$10.00, or with bucket, \$13.75.



NO. 5

AUTO SPRAYER NO. 5—An entirely brass automatic sprayer, pressure 180 pounds. Knapsack tank or bucket used for solution container. Useful for spraying field crops, trees, vines, gardens, etc.

Price—\$6.25.



NO. 345

NO. 345—Compressed Air Sprayer, strong galvanized steel tank; air pressure 60 lbs.; continuous or

intermittent spray. This is an excellent tool for small estates, gardens, poultry farms, etc.

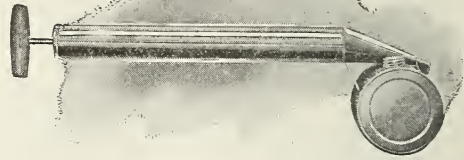
Price—\$7.50.

CANTEEN SPRAYER—An all brass hand sprayer for distributing Paris Green and other solutions on vines, gardens, shrubs, house plants, etc. Applies the finest possible spray.

Price—Postpaid: \$1.85. Express: \$1.75.

ACME CONTINUOUS HAND SPRAYER—An automatic sprayer which applies the finest stream to vines, vegetables, etc.

Price—Postpaid: \$1.10. Express: \$1.00.



NO. 1, HAND SPRAYERS

NO. 1—Tin Sprayer. An economical tin sprayer for household and garden purposes. Not so durable as other hand sprayers.

Price—Postpaid: 65c. Express: 60c.

ACME POWDER GUN—Is well made, with solid hardwood head block, hardwood handles, best leather for bellows (an extra elbow for getting under the leaves of plants and shrubs). The best economical means of applying dusting materials.

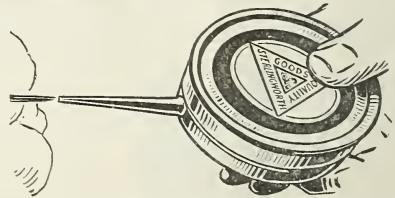
Price—Postpaid: \$1.60. Express: \$1.50.



DICKEY BUG DEATH DUSTERS

DICKEY'S HAND DUSTER—This is an excellent and rapid tool for applying dust materials. Inexpensive and effective.

Price—Postpaid: 60c. Express: 50c.



STERLINGWORTH POWDER GUN—Very small bellows; excellent for plants and poultry.

Price—Postpaid: 18c. Express: 15c.

Write For Description and Prices of

LAWN TOOLS

Mowers
Rakes
Rollers
Seeders
Hose
Hose Reels
Sprinklers
Grass Shears
Grass Knives
Hedge Shears

GARDEN TOOLS

Seeders
Plows
Hoes
Weeders
Trowels
Garden Forks
Sprayers
Dusters
Vegetable Knives

It is a pleasure to own and work with high class tools.

ORCHARD TOOLS

NO. 1—Pruning Saw. Common tooth; regular pattern 16 inch cast steel polished blade with beechwood and two brass screws.

Price—Postpaid: \$1.35. Express: \$1.25.

NO. 2—Pruning Saw (Disson's). Polished steel frame, blued steel blade, 9 points to the inch, beech handle with varnished edges.

Price—Postpaid: \$2.10. Express: \$2.00.

NO. 1—Pruning Shears. Steel handle and blades, nickel plated and polished; plain lightning nut; blued steel coil spring, end catch for holding handles together for light pruning.

Price—Postpaid: \$2.10. Express: \$2.00.

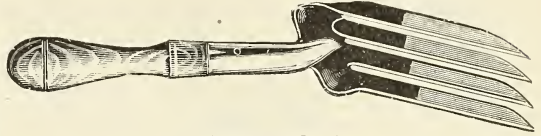
NO. 2—Pruning Shears. Heavy malleable iron frame, which end catch for holding handles together. Very desirable tool for light pruning.

Price—Postpaid: \$1.36. Express: \$1.25.

RHODES PRUNING SHEARS—Makes absolutely clean, perfect cut; the blades are concave at the cutting edge, producing with the handles an enormous leverage. These are the easiest operating Lapping Shears ever made or sold.

Price—Postpaid: \$3.60. Express: \$3.50.

See Insecticides for Pruning Compound.



WEEDING FORK

EXCELSIOR WEEDING FORK—Three steel prongs, strong and durable tool for spading small plots.

Price—Postpaid: 50c. Express, 45c.

OAK LEAF GARDEN TROWEL—Special crucible steel round end blade; especially adapted for a transplanting tool.

Price—Postpaid: 45c. Express: 40c.

IRON SCOOP (Trowel)—Bent neck, natural finish, dished one piece stamped steel blade, with rounding point. An inexpensive and useful trowel.

Price—Postpaid: 20c. Express: 15c.

THE AUTOMATIC CORN PLANTER—Made of the best material, well and durably put together; depth of planting can be regulated, insures seed planting exact depth required in hard or mellow soil.

Price—Postpaid: \$2.65. Express: \$2.50.

LAWN AND GARDEN TOOLS

NO. 1—Grass Shears. Made of high grade crucible steel polished; an excellent tool for clipping tall grass that mowers leave untouched.

Price—Postpaid: 80c. Express: 75c.

NO. 1—Hedge Shears. Straight notched forged steel blades and offset shanks, with heavy steel hinge bolt and nut. Cuts rapidly and trims hedges evenly.

Price—Postpaid: \$2.60. Express: \$2.50.

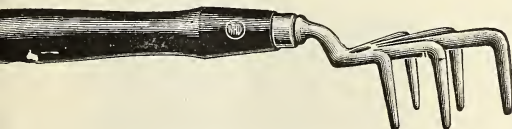


LAWN RAKES—Made of heavy tinned steel wire. Excellent for lawn or walk work. Does not injure roots of the grass.

Price—14 tooth, 75c; 10 tooth, 60c.

BLUE GRASS CORN KNIFE—High grade crucible steel polished; 21 inches long, requires no bending over to cut the stalk, permits rapid progress.

Price—Postpaid: 60c. Express: 50c.



EXCELSIOR WEEDER

EXCELSIOR WEEDER—A cast iron weeder 3½ inches long with five bent fingers 1½ inches long. An inexpensive good tool for work in hot beds, flowers, etc.

Price—Postpaid: 25c. Express: 20c.

MAGIC WEEDER—Ahead of all other garden tools of its class, has blade for cutting weeds, loosening hard ground, cutting roots, etc., cultivates well.

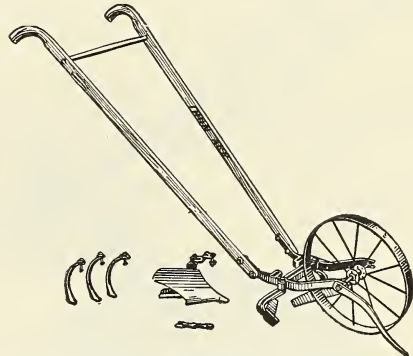
Price—Postpaid: 45c; express, 40c.

ADJUSTABLE THREE PRONGED WEEDER—Highest crucible steel, 3 bent prongs with forked blades at end; malleable iron frame; prongs adjusted by loosening nut; an excellent tool for pulverising the soil.

Price—Postpaid: 60c. Express: 50c.

IRON AGE TOOLS

Used by men, women and children to make accurate sowings, thorough cultivation and correct application of fertilizers.



NO. 301—Double and Single Wheel Hoe. Can be changed from double to single in a minute—an extremely valuable feature. You can hoe, cultivate, ridge growing crops; weed, level, and pulverize your soil; open furrows, mix fertilizers, and cover seed with this excellent tool.

Price—\$11.00.

NO. 320—A strong, durable, inexpensive tool that will do all the between-the-row cultivating, furrowing, ridging, weeding, leveling, etc., required in any home garden. Tools include pair side hoes, landside plow, and three steel cultivator teeth, adjustable for close or wide cultivation.

Price—\$8.00; complete with rake, \$9.00.

GEM SINGLE—Equipped with five slender cultivator teeth, two sizes of scuffle hoe for work between the rows. Especially for use in hard soil.

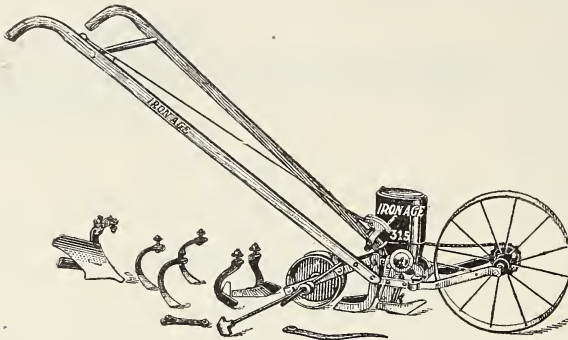
Price—\$8.00.

NO. 19 C—This low-priced, convenient tool easily keeps your ground in perfect cultivation. Equipped with 24 inch wheel, two sizes single teeth, a scuffle hoe, and set of three teeth on one bracket for hoeing and cultivation between wider rows.

NO. 12—Wheel Plow and Cultivator. Will plow in all but hard ground, open furrows and cover them; hill growing crops, hoe, rake and cultivate.

Price—\$5.75.

NO. 315—Combined Hill and Drill Seeder and Single Wheel Hoe. Will open its own furrows, sow in continuous rows, or drop in hills, cover the seed with



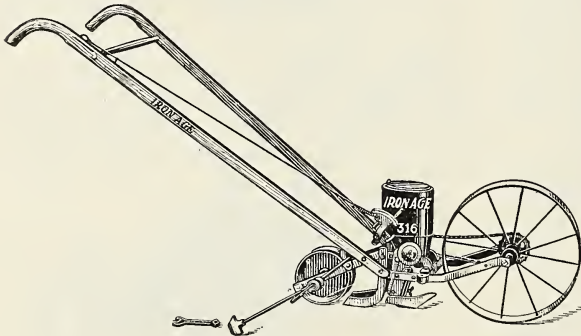
NO. 315 COMBINED

loose soil, pack it with a roller and marks the next row. Cultivate your soil perfectly as single wheel hoe. It is a staunch, reliable machine.

Price—\$16.00.

NO. 317—Combined Hill and Drill Seeder and Single Wheel Hoe. From the earliest sowing in spring until the last cultivation in summer. No. 317 will serve nearly every garden purpose. This tool same as No. 315 combined, except that it will not drop seed in hills, and the opening plow is different.

Price—\$15.00.



NO. 316—DRILL AND HILL SEEDER

NO. 316—Drill and Hill Seeder. Always ready for immediate sowings both in drills and hills, built for those who desire separate seeders and separate hoes.

Price—\$13.50.

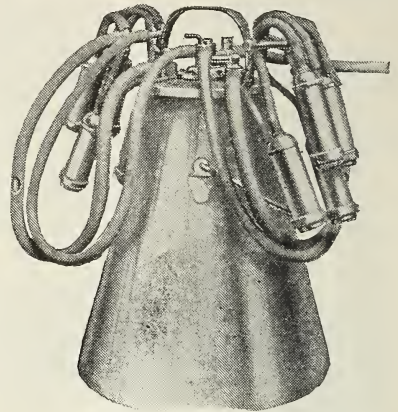
NO. 318—Drill Seeder. Same careful workmanship and quality materials that characterize Iron Age Tools. Sows seed in continuous rows only and not in hills.

Price—\$12.50.

EMPIRE MILKING MACHINE

The general satisfaction this machine is giving in all parts of America is sufficient evidence of its worth and practicability as a labor, time and money saving device. Many of our customers, who have installed the Empire Milker report that they have reduced their dairy labor from one-half to two-thirds, a saving that will pay for the machine in six months or less. Their machines will operate for many years. The simplicity of the Empire makes it possible for a man or woman of ordinary intelligence to milk a herd of 30 or more cows with no trouble at all.

In its method of operation, the Empire Milking Machine imitates nature so closely that, judging by the quiet way the cows stand when the Empire is



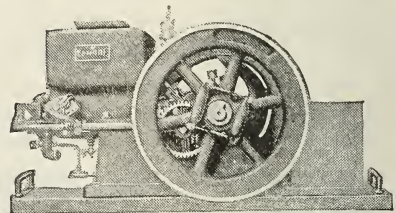
AN EMPIRE DOUBLE-UNIT MILKER

working, you would think that the machine fooled them into thinking that their calves were doing the work.



GET THIS BOOK

Write for catalogue, which describes every detail of the machine and prices, terms, etc.



When power is needed on the farm it is needed immediately. There is nothing more important than a

dependable engine, one that will start when it is time to go and not stop until the work is done. Empire Engines are famous for their refusal to get "out of whack."

They "stand up" under the most trying overloads because they are built of strong and durable material, and are heavier per horsepower than any other standard engines. The Empire is remarkably free from complications, having very few moving parts as compared with other standard engines, and consequently few adjustments are ever required and there is less to get out of orrre.

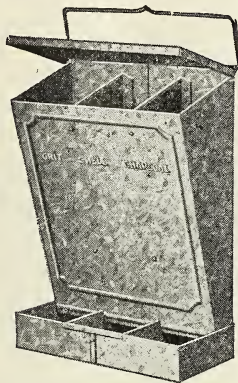
Illustrated catalogue and prices of Empire Engines from 1½ to 16 horse power sent on application.

EMPIRE MILK SEPARATOR

They absolutely satisfy the men and women who are looking for quality and who judge construction and fine workmanship by the "sound" and the "feel" of the machine when running. The Empire is easy to operate, and has few parts to clean or get out of order. The users and experts say that it is the best Separator on the market.

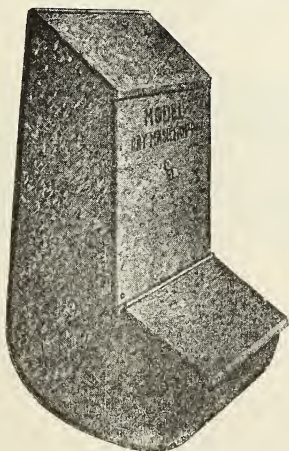
Catalogue and prices on application.

POULTRY SUPPLIES



GRIT AND SHELL BOX

GRIT AND SHELL BOXES—Two or three compartments, the best vontainers for grit, shell and



DRY MASH HOPPER

charcoal on the market. They are designed to prevent fowls from scattering material, saving at least 30 per cent. during the season.

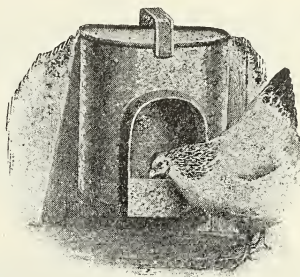
Price—Of both two and three compartment boxes, \$1.00 each.

DRY MASH HOPPER—This is one of the most valuable adjuncts to the poultry keeper. It saves time; it saves feed; it will increase egg production and insure the health of your poultry. It will pay for itself many times over in a year.

Price—3 gallon size, postpaid: \$2.10. Express: \$2.00. 6 gallon size, postpaid: \$3.15. Express, \$3.00.

FLAT CHICK TROUGH—A low, flat bottom, folded end pan, with wire that slides off without disturbing contents. Only one inch deep. Easily cleaned. Chicks cannot waste or get feed dirty.

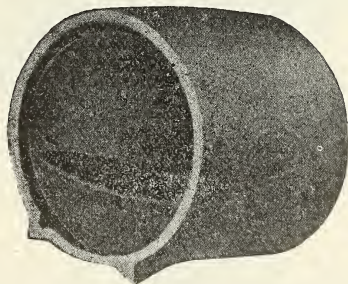
Price—Small, 50c; large, \$1.00.



FLAT BACK WALL FOUNT

FLAT BACK WALL FOUNT—A most popular style of drinking fountain. It is convenient and sanitary. There is a galvanized hood preventing the water from becoming soiled. Made of heavy galvanized iron. Will not break by freezing and are readily cleaned.

1 qt. size, postpaid.....\$0.60; express, \$0.50
1 gal. size, postpaid..... 1.10; express, 1.00
2 gal. size, postpaid..... 1.35; express, 1.25



STONE DRINKING FOUNTS

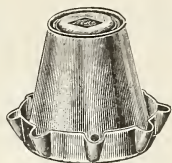
STONE DRINKING FOUNTS—These stone ware fountains are sanitary, easily cleaned, and convenient. They keep water slightly warmer in winter and cool in summer.

2 piece Chick Fount.....\$0.40 postpaid; express, \$0.35
1 pc. gal. Chick Fount.... .85 postpaid; express, .75
1 pc. 2 gal. Chick Fount... 1.15 postpaid; express, 1.00

LITTLE CHICK FOUNT—An excellent low priced fountain for little chicks. Provide clean water at all times—chicks cannot get in pan.

Price—27c postpaid.

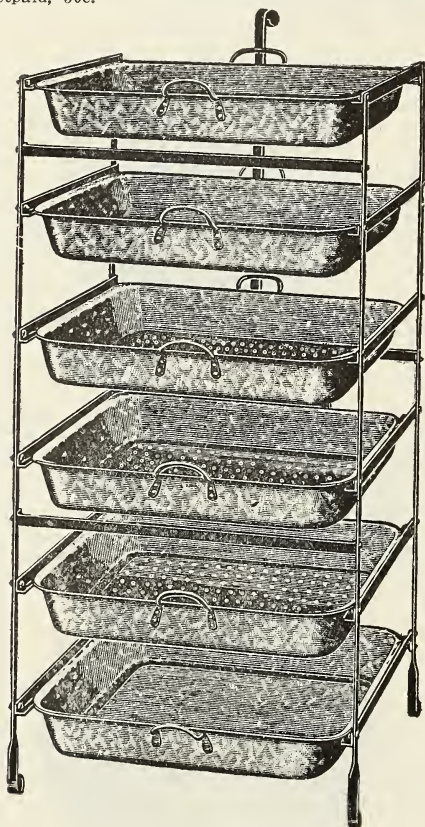
GALVANIZED ECONOMY FOUNTS—These are



CHICK FOUNT

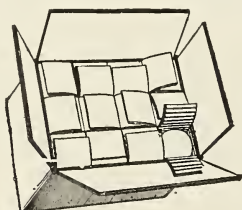
made on the same plan as the little chick fount described above and have same good qualities.

Price— $\frac{1}{2}$ gallon size, postpaid, 35c; 1 gallon size, postpaid, 50c.



COLLINS OAT SPROUTER

COLLINS OAT SPROUTER—Made in 5 or 8 pans of high grade galvanized steel, pans fit ingeniously one on top of the other, are perforated to give exact amount of moisture to insure germination of the oats



NON-BUSTO EGG CARRIER

and to prevent souring. Feed sprouted oats to shell out the winter eggs. Three sizes.

Price—Postpaid, \$4.25, \$6.25, \$8.25.

PARCEL POST EGG CARRIERS—These boxes are so constructed that each egg is separated by a thickness of corrugated board and the entire content by double wall of air cushion corrugated pasteboard. Absolute protection is assured, since the box possesses the durability to withstand considerable rough handling.

Capacity	Each Postpaid	Doz. Postpaid	Doz. Express
1 dozen size-----	\$0.18	\$1.55	\$1.35
2 dozen size-----	.22	2.05	1.75
3 dozen size-----	.28	2.67	2.25
4 dozen size-----	.32	3.21	2.75
5 dozen size-----	.38	3.80	3.25
6 dozen size-----	.45	4.77	4.35

CHAMPION LEG BANDS—Adjustable to any leg, made of aluminum and stamped with large raised numbers. The fastening is neat and secure with no catching edges.

Price—Postpaid: Per doz., 20c; 25 for 30c.

FUMIGATING CANDLES—Easy to light, easy to extinguish, safe to use. They are a vapor, deadly to all infectious diseases.

Price—15c each, \$1.50 doz.

PORCELAIN OR CHINA NEST EGGS—Made of a good quality glass, difficult to break, and will last a lifetime.

Price—Postpaid: 5c each, 15c per $\frac{1}{2}$ doz., 25c per doz.

OVINAPHTHAL NEST EGGS—A medicated egg which keeps eggs and nest free from lice, mice and other similar vermin.

Price—Postpaid: Each, 13c; $\frac{1}{2}$ doz., 70c; doz., \$1.20.

POULTRY MARKERS—A reliable poultry punch for marking chicks between the web and the toes.

Price—25c each, postpaid.



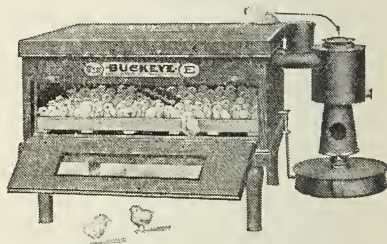
PHILADELPHIA CAPONIZING TUBE

CAPONIZING TOOLS—Write for booklet that will give information as to how your market stock may be made to yield 100 per cent. more. It is done with Philadelphia caponizing tube.

Price—\$2.50 set.

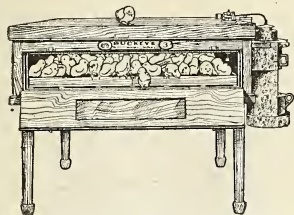
BUCKEYE INCUBATORS

THE PERFECT HATCHERS



We are exclusive agents in Western North Carolina for the famous Buckeye Incubators and Brooders. Years of experience in the poultry supply business have convinced us that these are the most efficient hatchers on the market. The Buckeye Incubators are sold under an iron-clad guarantee to hatch a chick from every hatchable egg. This is the guarantee the makers give with every machine sold.

The Standard Incubators can be insured, however, when insurance is unnecessary the style "E" Incubators are more practical.



PRICE LIST STYLE E INCUBATORS

No. 14, 60 eggs	\$15.00
No. 16, 110 eggs	23.50
No. 17, 200 eggs	32.50

The unprecedented success which has followed the Buckeye for twenty-five years is primarily due to the invention of the Buckeye water system. Without this wonderful system of hot water heating, that perfect balance between the temperature, moisture and ventilation which is so necessary to successful incubation would be a physical impossibility.

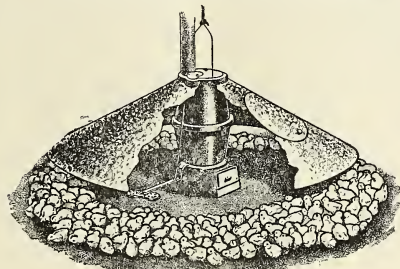
PRICE LIST STANDARD INCUBATORS

No. 1, 120 eggs	\$34.00
No. 3, 250 eggs	49.50
No. 4, 350 eggs	58.50

Too much importance cannot be attached to keeping impure gases and fumes out of an incubator. The hot water of the Buckeye is heated on the outside, eliminating all damage to eggs from fumes and gases. It is this feature together with the perfect temperature maintained by the Buckeye, that it is possible for it to hatch more chicks and better chicks than any other incubator.

Catalogue of Incubators, Brooders, and Spare Parts sent on request.

"BUCKEYE" BROODERS



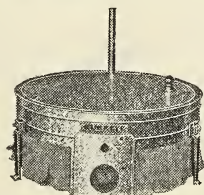
COAL BURNER

Grows Three Chicks Where One Grew Before

STANDARD COLONY BROODER

A Brooder that provides constant correct temperature, supply of pure, fresh air, plenty of exercise and no possible chance for crowding, every essential for the welfare of growing chicks—with such automatic regularity that all of unfavorable conditions are eliminated. It requires little attention, is inexpensive to operate, and raises more chicks and stronger chicks than any other brooder.

Price, No. 18, 500 chicks	\$19.75
Price, No. 19, 1000 chicks	24.75



OIL BURNER—BROODS LIKE COAL BURNER

Durable, Inexpensive, No Water, Pure Air

BUCKEYE PORTABLE BROODERS

This excellent Brooder is especially constructed for small raiser. It is made of the best quality metal, inexpensive to operate, and gives absolutely the most satisfactory results in every way. The operation is simple and effective, there being at all times an adequate supply of fresh air—the greatest virtue any brooder can have.

Price, No. 20, 60 chicks	\$10.50
Price, No. 21, 100 chicks	13.00
Price, No. 22, 150 chicks	17.00

POULTRY AND STOCK FEEDS

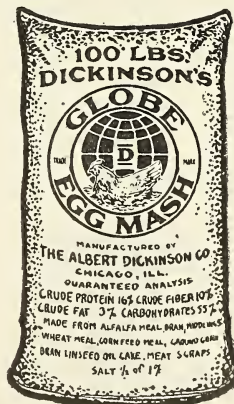
The popularity of our poultry feeds in Western North Carolina has encouraged us to add a complete line of first quality dairy, horse, and stock feeds. Our feeds are carefully formulated and mixed from the choicest ingredients used for feeding stock. They have stood the most painstaking tests and have produced enviable results for their many users.

The prices of all grain feeds fluctuate constantly, hence it is not possible to list prices in this catalogue. Prices and samples will be submitted on application.



GLOBE SCRATCH FEED—An evenly balanced ration mixed from sound, clean, and bright grains. Feed with Globe Egg Mash for maximum production at the minimum cost.

Write for price.



GLOBE EGG MASH—Formulated from meat scraps, linseed oil meal, bran, corn meal, middlings, and alfalfa meal. It contains the essential digestible protein so necessary for egg production.

Write for price.

GLOBE CHICK FEED—This balanced and finely

crushed grain should be fed to baby chicks along with buttermilk feeds to obtain the best results. The chick will grow better and mature earlier, since the combination of the grain and buttermilk feeds build tissue, bone, and body.

Write for price.

CONKEY'S BUTTERMILK MASH—This new food has been giving our customers excellent results as a laying mash. It, like other Conkey products, contains the very best ingredients for the purpose intended.

Write for price.



CONKEY'S BUTTERMILK STARTING FOOD—This is absolutely the best feed for baby chicks from the time they receive their first feed until they are three weeks old. This excellent food will give your chicks a strong, active, vigorous and healthy start that is sure to develop real profit makers.

Price—Pkt., 60c. Write for quantity price.

CRUSHED OYSTER SHELL—Should be kept available for fowls at all times, forms egg shells and keeps stock healthy.

Price—Of coarse or fine—per lb., 2½c; per 100 lbs., \$2.00.

LIME GRIT—A necessity for both young and old stock. Don't expect your birds to grind their food with oyster shells.

Price—Of coarse or fine—per lb., 2½c; per 100 lbs., \$2.00.

CHARCOAL—Aids digestion (purifies the blood and generally promotes the good health and vigor of your birds).

Price—Of coarse or fine—per lb., 10c; 50 lb. bag, \$2.50; 100 lbs., \$4.50.

MEAT SCRAPS—One of the essential egg producing feeds. This feed has long been recognized as absolutely necessary to fowls, especially laying hens, during the winter months, used both in mash feeds and alone.

Write for price.

GREEN CUT ALFALFA MEAL—A green food mixed in poultry mash feeds and stock feeds.

Write for price.

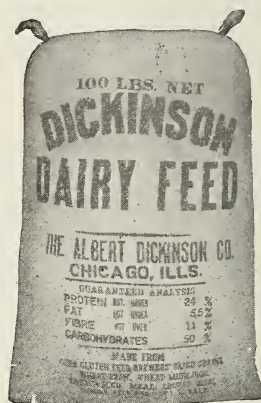
GROUND OATS—For poultry and stock. Write for price.

PURE WHEAT BRAN—We carry only the best grade. Write for price.



OASIS HORSE FEED—This feed is performing every function from nursing the weakling colt to supplying hard strains of racing, hunting and heavy

worked horses; contains the elements that build up muscle and tissue in large, consistent proportions. Composed of alfalfa, molasses, and heavy grain mixture. Price fluctuates. Write.

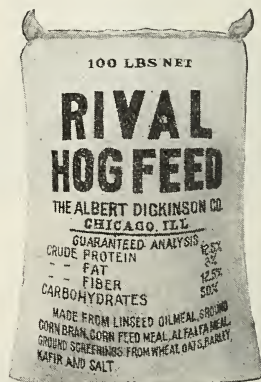


DICKINSON'S DAIRY FEED (25 per cent. Protein)—It is made from born gluten feed, dried grains, bran, middlings, cottonseed meal, linseed oil meal, hominy feed, and salt. This is an excellent balanced dairy ration. Test it to obtain more milk and better milk.

Write for price.

BLATCHFORD'S CALF MEAL—The oldest, best known, and most widely used calf meal in America. Write for price and information as to the virtues of this money saver.

SHORTS—Red Dog, Gray and Brown Shorts, largely used for both poultry and stock. Ask for our prices.



RIVAL HOG FEED—A well balanced ration worked out by scientists through exhaustive experiments and chemical analysis. It positively supplies the food element for hogs in all growing stages.

Write for price.

DIGESTER TANKAGE—(60 per cent. Protein)—This excellent feed satisfied the ravenous appetite of the hog. 10 per cent. Tankage is mixed with other feeds. Experts everywhere recommend this feed as a great muscle and meat maker. It will realize more profit from your hogs.

Write for price.

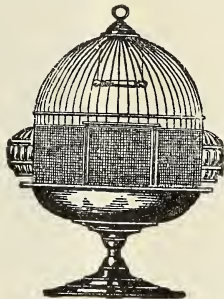
RABBIT FEED—A mixture of alfalfa, grain, and molasses, which supplies all necessary food for rabbits.

Write for price.

All feeds put up in packages at \$1.00 postpaid.

BIRDS AND BIRD SUPPLIES

Our line of birds and bird supplies includes Canaries, Paroquets, Finches, etc., and all necessary articles for their comfort and care. It is impossible to give a detailed description of our birds in this catalogue; however, we ship only those birds that are selected for



beauty of both form and color. We have selected a great many birds for customers who were unable to make their own selection; we have never failed to please them. We guarantee our males to sing. All birds are shipped via express and at the purchasers' risk.

Write for book on care of birds.

Male Canaries (singers).....	\$8.00 to \$12.00
Female Canaries.....	3.00 to 5.00
Paraquets, per pair.....	12.00
Postpaid	
Philadelphia Bird Seed, pkt.....	27c
Mixed Bird Seed (bulk), lb.....	27c
Fancy Bird Seed (bulk), lb.....	30c
Bird Manna, pkt.....	22c
Song Restorer, pkt.....	22c
Bird Tonic, pkt.....	25c
Cuttle Fish Bone, each.....	97c
Parrot Food, pkt.....	25c
Silver Bird Gravel, pkt.....	20c
Red Bird Gravel, pkt.....	25c
Bird Mite Powder, pkt.....	27c

Add 20c for postage on all cages.

Japanned Cages, white enamel.....	\$1.75 to \$ 5.00
Fancy Brass Cages (dome or square).....	2.75 to 12.00
Breeding Cages, Japanned double.....	\$9.00
Breeding Cages, Japanned single.....	6.00
Canary Traveling Cages.....	1.75

Postpaid	
Canary Baths, glass.....	.17
Seed and Water Cups, glass or opal.....	.17
Plannel cage cover.....	1.00
Cuttle Fish Holders (brass).....	.05
Bird Nest.....	.15
Bird Nesting.....	.10

IMPORTED RAFFIA

Now that imports are arriving more freely, we are able to supply a beautiful grade of both Natural and Colored Raffia. Raffia is used chiefly for basket-making, many finding this work not only pleasant, but profitable. Raffia is also used for tying packings, vegetables, etc.

Natural Raffia, postpaid, oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

Colored Raffia (green, brown, red, blue or purple, postpaid, oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$1.80.

Manufactured Nu-Reed, any size, postpaid, oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

Raffia Needles, 35c pkt.

GOLD FISH AND FISH SUPPLIES

We carry a large stock of common and fancy gold fish for delivery from September to April each year. The prices of these fish range from 10 cents to 60 cents each. We also have for delivery, postage paid, at all times, the following:

Fish Bowls from.....	\$0.25 to \$ 2.00
Aquariums.....	3.00 to 10.00
Fish Food (wafer), pkt.....	.15
Fish Food (natural), box.....	.15

Selections and orders entrusted to us will receive utmost care and attention. We can please you with our gold fish supplies.



FLOWER POTS AND SAUCERS

The prices quoted in this catalogue are f. o. b. Asheville, with no charge for packing. We pack all pots shipped with great care, but we will not be responsible for any shipment after same has been received in good order by the transportation company.

STANDARD POTS

Diameter	Each	Dozen	Per 100
2 -inch.....	\$0.02 $\frac{1}{2}$	\$.25	\$1.50
2 $\frac{1}{2}$ -inch.....	.03	.30	1.65
2 $\frac{1}{2}$ -inch.....	.03 $\frac{1}{2}$.35	1.80
3 -inch.....	.05	.40	2.25
4 -inch.....	.06	.55	3.35
5 -inch.....	.10	1.00	6.60
6 -inch.....	.15	1.20	7.75
7 -inch.....	.25	2.00	
8 -inch.....	.30	2.75	
10 -inch.....	.60	5.25	
12 -inch.....	1.00	10.50	
14 -inch.....	1.50		

SAUCERS

4-inch.....	\$0.04	\$.40
5-inch.....	.05	.50
6-inch.....	.08	.80
7-inch.....	.10	1.00
8-inch.....	.15	1.25
10-inch.....	.20	2.00
12-inch.....	.30	3.00
14-inch.....	.40	4.60

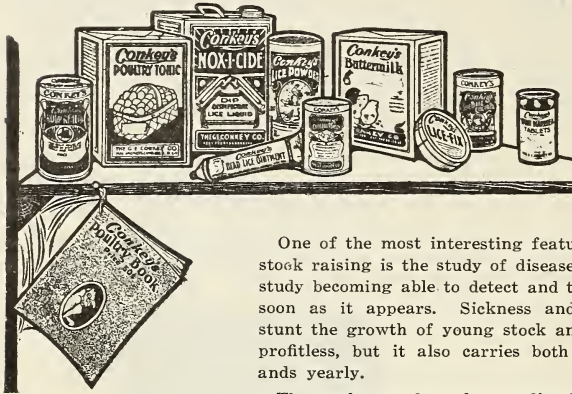
BULB PANS

6-inch.....	.16	1.50
7-inch.....	.20	2.00
8-inch.....	.25	2.50
9-inch.....	.30	3.00

RED AZALEA

6-inch.....	.15	1.50
7-inch.....	.20	2.00
8-inch.....	.25	2.50
9-inch.....	.50	5.00

POULTRY AND STOCK REMEDIES



One of the most interesting features of poultry and stock raising is the study of diseases and through this study becoming able to detect and treat the trouble as soon as it appears. Sickness and disease not only stunt the growth of young stock and render old stock profitless, but it also carries both off by the thousands yearly.

The poultry and stock remedies listed in this catalogue are old and reliable; the manufacturers guarantee every product to be exactly as represented. Publication on poultry and stock diseases furnished free on application.

CONKEY'S POULTRY TONIC—A regulator, laying tonic, molting powder, and conditioner—builds vitality of both young and old fowls, highly recommended by authorities for making hens lay.

Price—Postpaid: 36c, 60c. Express: 30c, 60c.

CONKEY'S ROUP REMEDY—A reliable cure and preventive of the ravaging disease roup.

Price—Postpaid: 33c, 65c. Express: 30c, 60c.

CONKEY'S CANKER SPECIAL—Used for canker, inflammation, colds, etc.; a rapid cure.

Price—Postpaid: 65c. Express, 60c.

CONKEY'S BRONCHITIS REMEDY—Gives quick relief and is one of the remedies that should be kept at hand.

Price—Postpaid: 65c. Express: 60c.

CONKEY'S CHOLERA REMEDY—Mixed in drinking water, quickly reaches cholera, indigestion, bowel troubles, etc.

Price—Postpaid, 33c, 65c. Express: 30c, 60c.

CONKEY'S SORE HEAD (Chicken Pox)—Apply to warty growth on head. Use Conkey's Poultry Tonic to treat internally also.

Price—Postpaid: 33c, 65c. Express: 30c, 60c.

CONKEY'S LIMBERNECK REMEDY—The poison limberneck is neutralized by the remedy.

Price—Postpaid: 65c. Express, 60c.

CONKEY'S POULTRY LAXATIVE—Used for constipation along with other remedies.

Price—Postpaid: 33c, 65c. Express: 30c, 60c.

CONKEY'S SCALY LEG REMEDY—Removes unsightly scales with no harm to bird.

Price—Postpaid: 33c, 65c. Express: 30c, 60c.

CONKEY'S HEALING SALVE—An antiseptic ointment, heal wounds, cuts, etc.

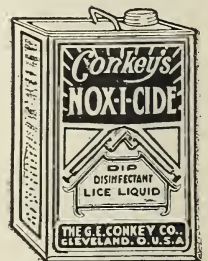
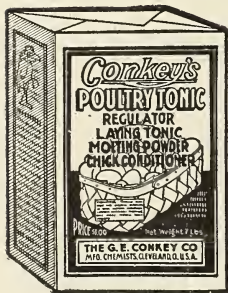
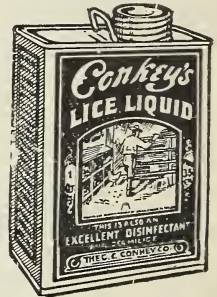
Price—Postpaid: 35c. Express, 30c.

CONKEY'S LICE LIQUID—Destroys mites. No powder will kill this pest.

Price—Postpaid: qt., 70c; $\frac{1}{2}$ gal., \$1.05. Express: $\frac{1}{2}$ gal., 90c; gal., \$1.50.

STERLINGWORTH LICE POWDER—So effective that lice cannot remain after application; harmless to birds.

Price—Postpaid: 20c, 36c, 68c. Express: 15c, 30c, 60c.



(Continued on Third Page Cover)

POULTRY AND STOCK REMEDIES

(Continued from Page 60)

CONKEY'S HEAD LICE OINTMENT—Save your little chick by using this ointment.

Price—Postpaid: 17c, 35c. Express: 15c, 30c.

CONKEY'S NOX-I-CIDE—Disinfectant, Lice Liquid, Germ Destroyer. Used not only in connection with poultry, but also for household purposes. Conkey's directions for use with all orders.

Price—Postpaid: Pt., 56c; qt., 83c. Express: Pt., 50c; qt., 75c.

Easy to light and safe. Deadly to germs and insects.

CONKEY'S GAPE REMEDY—A sneezing powder and sure cure for gape.

Price—Postpaid: 33c, 65c. Express: 30c, 60c.

CONKEY'S WHITE DIARRHEA REMEDY—Its action kills germ that causes trouble.

Price—Postpaid: 33c, 65c. Express: 30c, 60c.

CONKEY'S FLY KNOCK—A light spray; prevents flies, gnats, mosquitoes, etc. Reduction of the efficiency and compact of horses, cows, etc.

Price—Postpaid: Qt., 83c; $\frac{1}{2}$ gal., \$1.35. Express: Qt., 75c; $\frac{1}{2}$ gal., \$1.25; gla., \$2.00.

CONKEY'S STOCK TONIC—Turns feed of all stock to profit; used as drench for sick calves, protects animals against diseases, worms, etc.

Price—Postpaid: 36c, 68c. Express: 30c, 60c, \$2.25.

AVALON FARMS HORSE TONE—Exceptionally beneficial in correcting digestive ailments, malnutrition, nervous diseases, and skin diseases.

Price—Postpaid: \$1.00.

AVALON FARMS DISTEMPER AND COLD CURE—For colds, laryngitis, bronchitis, distemper, fever, and other throat troubles.

Price—Postpaid: \$1.00.

HEAVE COMPOUND—This valuable compound does not cure, but greatly adds to the efficiency of wind broken animals.

Price—Postpaid: \$1.00.

HOG TONE (Avalon Farms)—A regulator, conditioner, tonic, and disease preventive for hogs. We cannot recommend this product too highly. Feed it regularly as prescribed; you will never be without it after once trying Hog Tone.

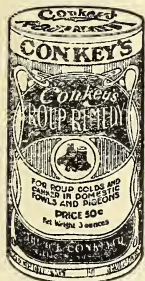
Price—Postpaid, \$1.00.

BLACKMAN'S MEDICATED SALT BRICK—The best Salt Brick on the market. A worm medicine, blood purifier, kidney regulator. Tonic and appetizer for all classes of live stock. Write for price of case lots.

Price—Postpaid: 25c. Express: \$2.25 doz., \$5.75 case.

CARBOLA WHITE PAINT—It is recommended for killing lice, mites, fly eggs, etc., and as a preventive of the contagious diseases that affect stock and poultry. Can be applied with brush or sprayer, a disinfectant paint that dries white; use instead of white wash.

Price—Postpaid: Pt., 35c; 10 lbs., \$1.20.





*Asheville Seed
Company*

*Asheville,
North Carolina*